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(FILE 'HOME' ENTERED AT 10:44:12 ON 14 NOV 2007)

FILE 'REGISTRY' ENTERED AT 10:44:23 ON 14 NOV 2007

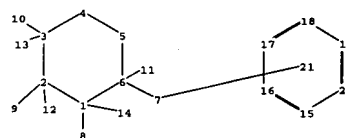
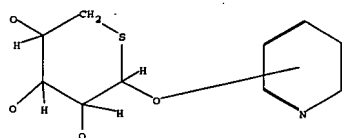
L1 STRUCTURE UPLOADED

L2 13 S L1 SSS SAM

L3 214 S L1 SSS FULL

FILE 'CAPLUS, MEDLINE' ENTERED AT 10:46:14 ON 14 NOV 2007

L4 2 S L3



chain nodes :

7 8 9 10 11 12 13 14

ring nodes :

1 2 3 4 5 6 15 16 17 18 19 20

chain bonds :

1-8 1-14 2-9 2-12 3-10 3-13 6-7 6-11

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 15-16 15-20 16-17 17-18 18-19 19-20

exact/norm bonds :

1-2 1-6 1-8 2-3 2-9 3-4 3-10 4-5 5-6 6-7

exact bonds :

1-14 2-12 3-13 6-11

normalized bonds :

15-16 15-20 16-17 17-18 18-19 19-20

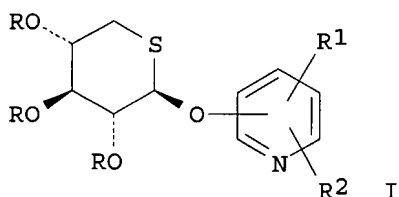
Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS8:CLASS9:CLASS10:CLASS11:CLASS12:CLASS13:CLASS14:CLASS15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:1006376 CAPLUS  
DOCUMENT NUMBER: 145:377529  
TITLE: Preparation of compounds derived from 5-thio-xylose  
and therapeutic use thereof as antithrombotic agents  
INVENTOR(S): Barberousse, Veronique; Bondoux, Michel; Thomas,  
Didier; Peyrou, Vincent  
PATENT ASSIGNEE(S): Laboratoires Fournier S.A., Fr.  
SOURCE: PCT Int. Appl., 97pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: French  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006100413	A2	20060928	WO 2006-FR50259	20060324
WO 2006100413	A3	20061109		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
FR 2883561	A1	20060929	FR 2005-2978	20050325
IN 2007DN06859	A	20070921	IN 2007-DN6859	20070905
PRIORITY APPLN. INFO.:			FR 2005-2978	A 20050325
			WO 2006-FR50259	W 20060324
OTHER SOURCE(S):	MARPAT 145:377529			
GI				



AB The invention relates to the preparation of compds. derived from 5-thio-xylose, preferably 5-thio-xylopyranose-type derivs. I, wherein R is H, C2-C6 acyl; R1 is C1-C4 alkyl-sulfonyl, C2-C6 substituted amide, oxy-aryl, CO-aryl, CHOH-aryl; R2 is H, C1-C4 alkyl, halogen, for the treatment or prevention of thromboses or heart failure. Thus, 6-acetyl-3-pyridinyl 5-thio- $\beta$ -D-xylopyranoside was prepared by glycosylation of 6-acetyl-3-pyridinol with 2,3,4-tri-O-acetyl-5-thio- $\alpha$ -D-xylopyranosyl bromide followed by deacetylation reaction. 6-Acetyl-3-pyridinyl 5-thio- $\beta$ -D-xylopyranoside was tested by oral administration (6 mg/kg) as antithrombotic agent with 63% activity.

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2005:280722 CAPLUS  
DOCUMENT NUMBER: 142:336586

TITLE: Preparation of thio-xylose glycosides as antithrombotic agents  
 INVENTOR(S): Barberousse, Veronique; Samreth, Soth; Boubia, Benaissa; Bellamy, Francois; Peyrou, Vincent  
 PATENT ASSIGNEE(S): Laboratoires Fournier S.A., Fr.  
 SOURCE: Fr. Demande, 35 pp.  
 CODEN: FRXXBL  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2860234	A1	20050401	FR 2003-11264	20030925
FR 2860234	B1	20051223		
CA 2540370	A1	20050407	CA 2004-2540370	20040924
WO 2005030785	A2	20050407	WO 2004-FR2409	20040924
WO 2005030785	A3	20050526		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

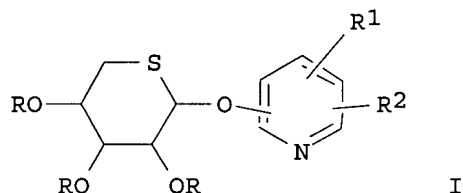
EP 1668021	A2	20060614	EP 2004-787435	20040924
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR

JP 2007506712	T	20070322	JP 2006-527445	20040924
US 2007054955	A1	20070308	US 2006-572999	20060323

PRIORITY APPLN. INFO.: FR 2003-11264 A 20030925  
 WO 2004-FR2409 W 20040924

OTHER SOURCE(S): CASREACT 142:336586; MARPAT 142:336586  
 GI



AB The invention relates to the preparation of 5-thio-xylose derivs. I, wherein the sugar ring represents 5-thio- $\beta$ -D- or L-xylopyranosyl; R is H, acyl, carboxylate; R1 and R2 are independently H, halogen, CN, NO<sub>2</sub>, CF<sub>3</sub>, alkyl, aryl, and their use as an active ingredient of drugs, in particular intended for the treatment or the prevention of thromboses or the cardiac insufficiency. Thus, 3-pyridinyl-5-thio- $\beta$ -D-xylopyranoside was prepared and tested in rat as antithrombotic agent (dose 1-8 mg/kg). Antithrombotic activity (range of 51-96) was expressed by the percent inhibition of thromboses formation observed in presence of title compds. related to the mass of thromboses formed in absence of title compds.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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FILE 'REGISTRY' ENTERED AT 10:44:23 ON 14 NOV 2007

L1 STRUCTURE UPLOADED

L2 13 S L1 SSS SAM

L3 214 S L1 SSS FULL

FILE 'CAPLUS, MEDLINE' ENTERED AT 10:46:14 ON 14 NOV 2007

L4 2 S L3

=> d L4 1-2 ibib abs hitstr

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:1006376 CAPLUS

DOCUMENT NUMBER: 145:377529

TITLE: Preparation of compounds derived from 5-thio-xylose and therapeutic use thereof as antithrombotic agents

INVENTOR(S): Barberousse, Veronique; Bondoux, Michel; Thomas, Didier; Peyrou, Vincent

PATENT ASSIGNEE(S): Laboratoires Fournier S.A., Fr.

SOURCE: PCT Int. Appl., 97pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006100413	A2	20060928	WO 2006-FR50259	20060324
WO 2006100413	A3	20061109		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

FR 2883561	A1	20060929	FR 2005-2978	20050325
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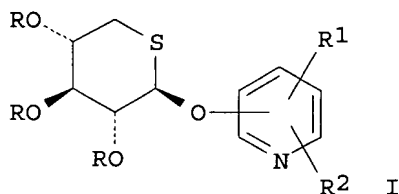
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PRIORITY APPLN. INFO.: FR 2005-2978 A 20050325

WO 2006-FR50259 W 20060324

OTHER SOURCE(S): MARPAT 145:377529

GI



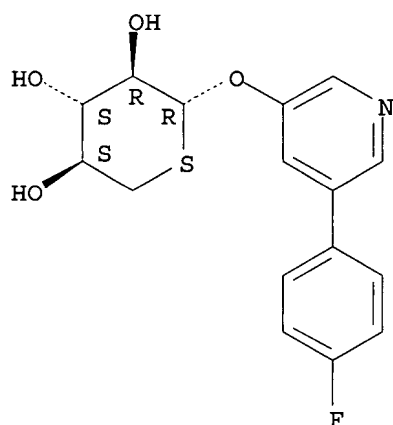
AB The invention relates to the preparation of compds. derived from 5-thio-xylose, preferably 5-thio-xylopyranose-type derivs. I, wherein R is H, C2-C6 acyl; R1 is C1-C4 alkyl-sulfonyl, C2-C6 substituted amide, oxy-aryl, CO-aryl, CHOH-aryl; R2 is H, C1-C4 alkyl, halogen, for the treatment or prevention of thromboses or heart failure. Thus, 6-acetyl-3-pyridinyl 5-thio- $\beta$ -D-xylopyranoside was prepared by glycosylation of 6-acetyl-3-pyridinol with 2,3,4-tri-O-acetyl-5-thio- $\alpha$ -D-xylopyranosyl bromide followed by deacetylation reaction. 6-Acetyl-3-pyridinyl 5-thio- $\beta$ -D-xylopyranoside was tested by oral administration (6 mg/kg) as antithrombotic agent with 63% activity.

IT 910648-25-8P  
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
 (preparation of compds. derived from thioxylose and therapeutic use thereof as antithrombotic agents)

RN 910648-25-8 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(4-fluorophenyl)-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



IT 910647-71-1P 910647-73-3P 910647-75-5P  
 910647-77-7P 910647-79-9P 910647-81-3P  
 910647-83-5P 910647-85-7P 910647-87-9P  
 910647-89-1P 910647-91-5P 910647-93-7P  
 910647-95-9P 910647-97-1P 910647-98-2P  
 910648-00-9P 910648-02-1P 910648-04-3P  
 910648-06-5P 910648-07-6P 910648-09-8P  
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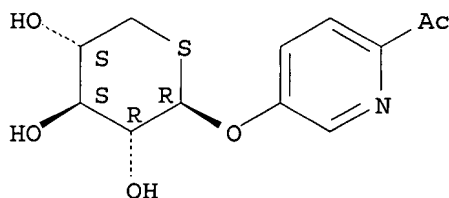
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
(Uses)

(preparation of compds. derived from thioxyllose and therapeutic use thereof  
as antithrombotic agents)

RN 910647-71-1 CAPLUS

CN Ethanone, 1-[5-[(5-thio- $\beta$ -D-xylopyranosyl)oxy]-2-pyridinyl]- (9CI)  
(CA INDEX NAME)

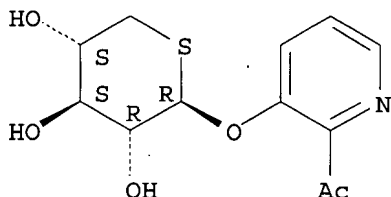
Absolute stereochemistry. Rotation (-).



RN 910647-73-3 CAPLUS

CN Ethanone, 1-[3-[(5-thio- $\beta$ -D-xylopyranosyl)oxy]-2-pyridinyl]- (9CI)  
(CA INDEX NAME)

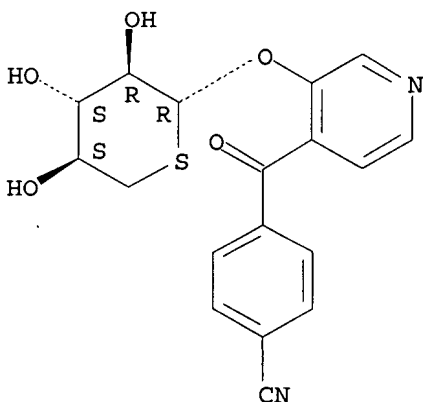
Absolute stereochemistry. Rotation (-).



RN 910647-75-5 CAPLUS

CN Benzonitrile, 4-[[3-[(5-thio- $\beta$ -D-xylopyranosyl)oxy]-4-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

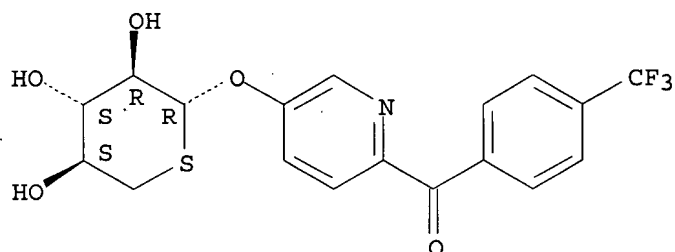


RN 910647-77-7 CAPLUS

CN Methanone, [5-[(5-thio- $\beta$ -D-xylopyranosyl)oxy]-2-pyridinyl][4-

(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

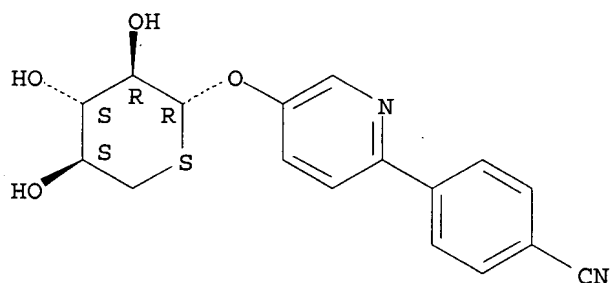
Absolute stereochemistry. Rotation (-).



RN 910647-79-9 CAPLUS

CN Benzonitrile, 4-[5-[(5-thio-β-D-xylopyranosyl)oxy]-2-pyridinyl]-  
(9CI) (CA INDEX NAME)

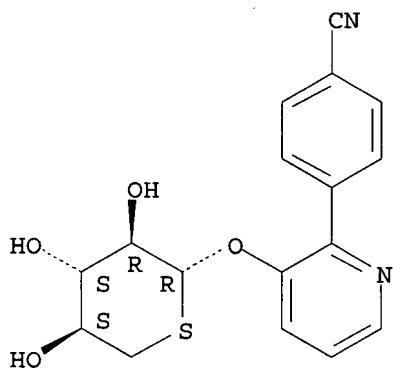
Absolute stereochemistry.



RN 910647-81-3 CAPLUS

CN Benzonitrile, 4-[3-[(5-thio-β-D-xylopyranosyl)oxy]-2-pyridinyl]-  
(9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

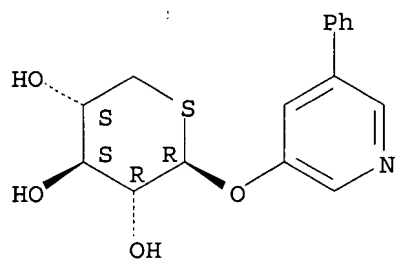


RN 910647-83-5 CAPLUS

CN β-D-Xylopyranoside, 5-phenyl-3-pyridinyl 5-thio- (9CI) (CA INDEX  
NAME)

Absolute stereochemistry. Rotation (-).

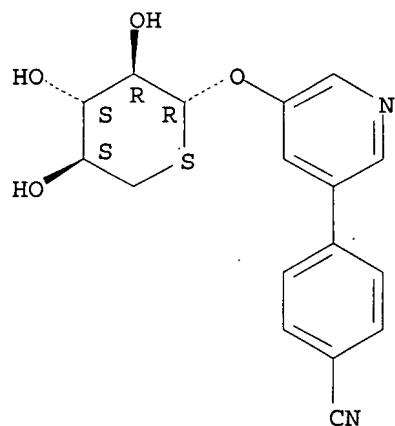




RN 910647-85-7 CAPLUS

CN Benzonitrile, 4-[5-[(5-thio- $\beta$ -D-xylopyranosyl)oxy]-3-pyridinyl]-  
(9CI) (CA INDEX NAME)

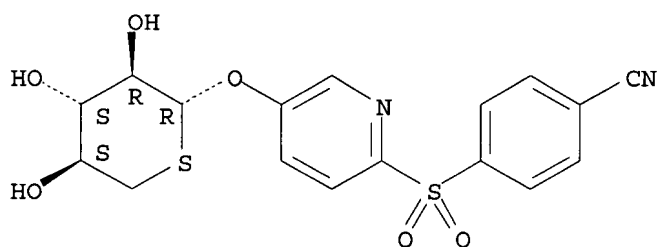
Absolute stereochemistry. Rotation (-).



RN 910647-87-9 CAPLUS

CN Benzonitrile, 4-[[5-[(5-thio- $\beta$ -D-xylopyranosyl)oxy]-2-  
pyridinyl]sulfonyl]- (9CI) (CA INDEX NAME)

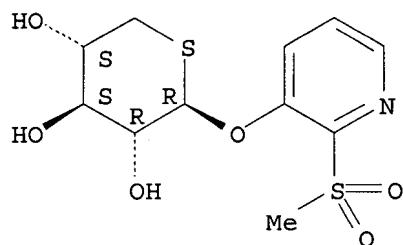
Absolute stereochemistry. Rotation (-).



RN 910647-89-1 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 2-(methylsulfonyl)-3-pyridinyl 5-thio- (9CI) (CA  
INDEX NAME)

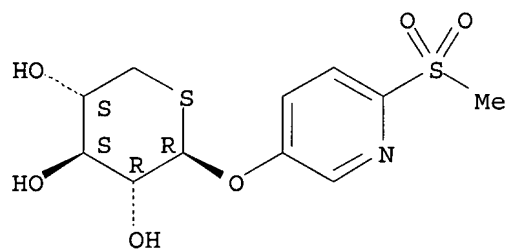
Absolute stereochemistry.



RN 910647-91-5 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 6-(methylsulfonyl)-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

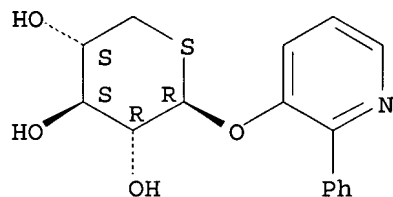
Absolute stereochemistry.



RN 910647-93-7 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 2-phenyl-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

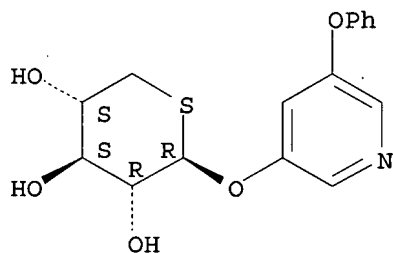
Absolute stereochemistry. Rotation (-).



RN 910647-95-9 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-phenoxy-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

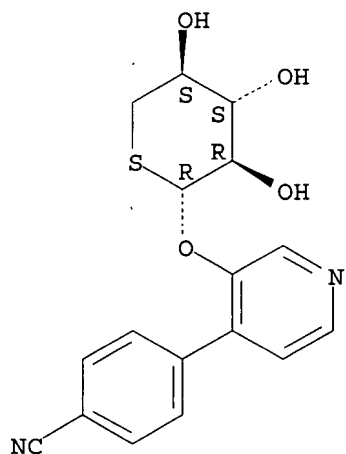
Absolute stereochemistry. Rotation (-).



RN 910647-97-1 CAPLUS

CN Benzonitrile, 4-[3-[(5-thio- $\beta$ -D-xylopyranosyl)oxy]-4-pyridinyl]- (9CI) (CA INDEX NAME)

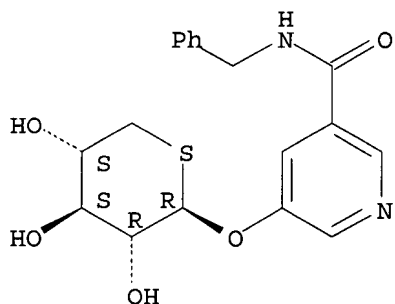
Absolute stereochemistry. Rotation (-).



RN 910647-98-2 CAPLUS

CN 3-Pyridinecarboxamide, N-(phenylmethyl)-5-[(5-thio- $\beta$ -D-xylopyranosyl)oxy]- (9CI) (CA INDEX NAME)

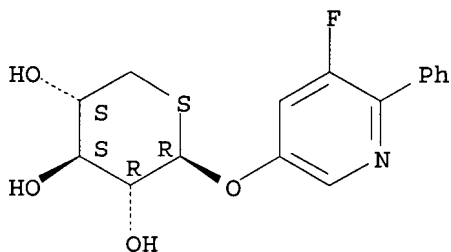
Absolute stereochemistry.



RN 910648-00-9 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-fluoro-6-phenyl-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

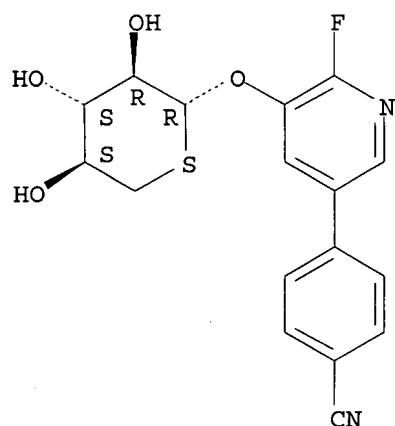
Absolute stereochemistry. Rotation (-).



RN 910648-02-1 CAPLUS

CN Benzonitrile, 4-[6-fluoro-5-[(5-thio- $\beta$ -D-xylopyranosyl)oxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

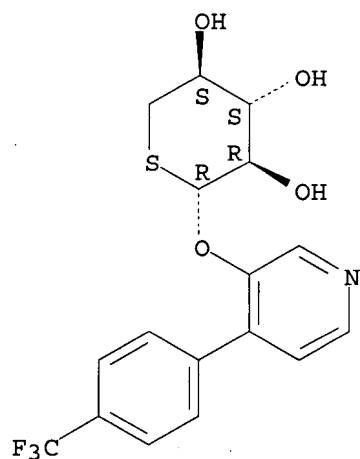
Absolute stereochemistry. Rotation (-).



RN 910648-04-3 CAPLUS

CN β-D-Xylopyranoside, 4-[4-(trifluoromethyl)phenyl]-3-pyridinyl 5-thio-  
(9CI) (CA INDEX NAME)

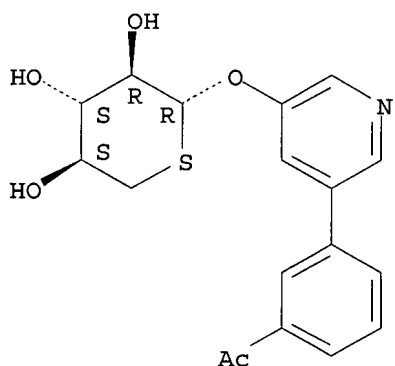
Absolute stereochemistry. Rotation (-).



RN 910648-06-5 CAPLUS

CN Ethanone, 1-[3-[5-[(5-thio-β-D-xylopyranosyl)oxyl]-3-pyridinyl]phenyl]-  
(9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

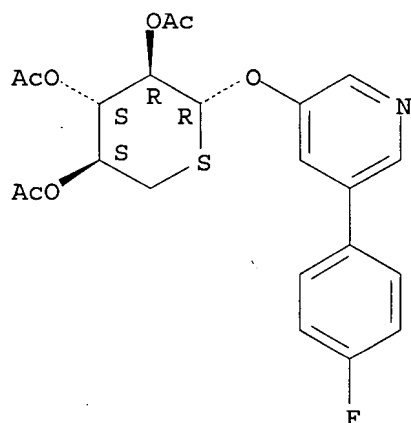


RN 910648-07-6 CAPLUS

CN β-D-Xylopyranoside, 5-(4-fluorophenyl)-3-pyridinyl 5-thio-,

2,3,4-triacetate (9CI) (CA INDEX NAME)

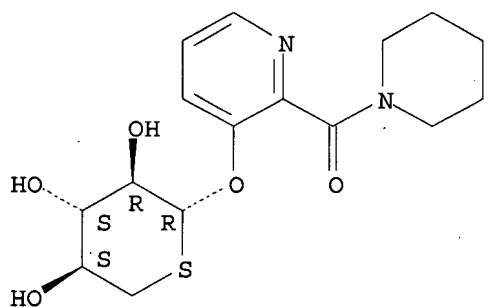
Absolute stereochemistry. Rotation (-).



RN 910648-09-8 CAPLUS

CN Piperidine, 1-[[3-[(5-thio-β-D-xylopyranosyl)oxy]-2-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)

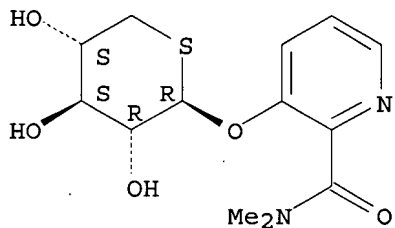
Absolute stereochemistry. Rotation (-).



RN 910648-11-2 CAPLUS

CN 2-Pyridinecarboxamide, N,N-dimethyl-3-[(5-thio-β-D-xylopyranosyl)oxy]- (9CI) (CA INDEX NAME)

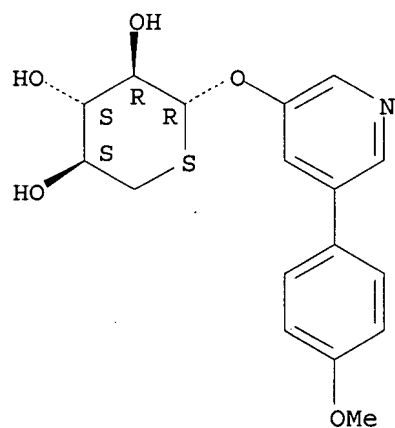
Absolute stereochemistry. Rotation (-).



RN 910648-13-4 CAPLUS

CN β-D-Xylopyranoside, 5-(4-methoxyphenyl)-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

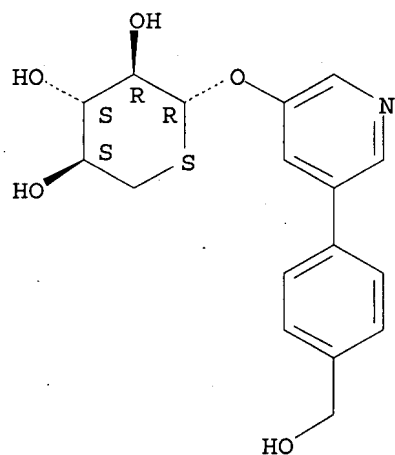
Absolute stereochemistry. Rotation (-).



RN 910648-15-6 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-[4-(hydroxymethyl)phenyl]-3-pyridinyl 5-thio-  
(9CI) (CA INDEX NAME)

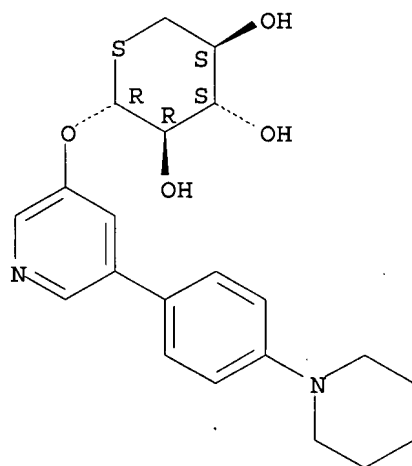
Absolute stereochemistry.



RN 910648-17-8 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-[4-(1-piperidinyl)phenyl]-3-pyridinyl 5-thio-  
(9CI) (CA INDEX NAME)

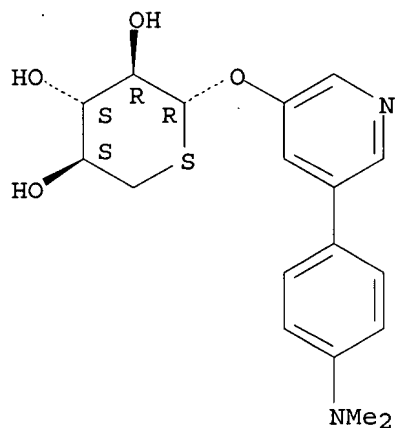
Absolute stereochemistry. Rotation (-).



RN 910648-19-0 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-[4-(dimethylamino)phenyl]-3-pyridinyl 5-thio-  
(9CI) (CA INDEX NAME)

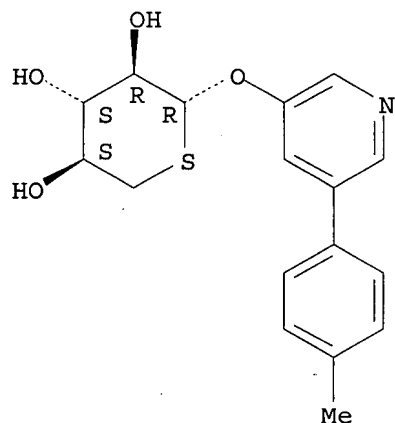
Absolute stereochemistry. Rotation (-).



RN 910648-21-4 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(4-methylphenyl)-3-pyridinyl 5-thio- (9CI) (CA  
INDEX NAME)

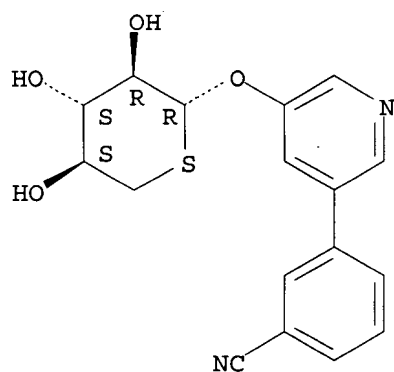
Absolute stereochemistry. Rotation (-).



RN 910648-24-7 CAPLUS

CN Benzonitrile, 3-[5-[(5-thio- $\beta$ -D-xylopyranosyl)oxy]-3-pyridinyl]-  
(9CI) (CA INDEX NAME)

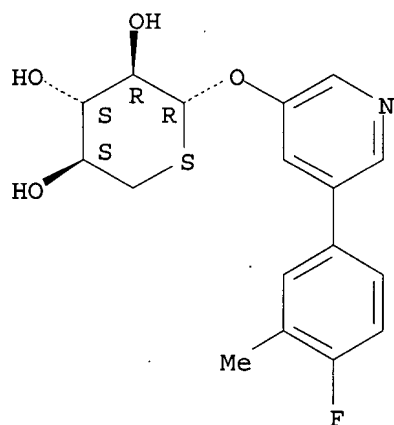
Absolute stereochemistry. Rotation (-).



RN 910648-27-0 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(4-fluoro-3-methylphenyl)-3-pyridinyl 5-thio-  
(9CI) (CA INDEX NAME)

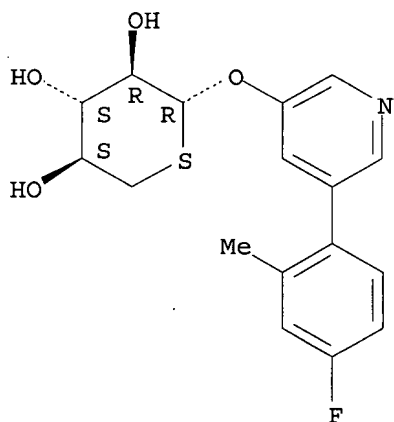
Absolute stereochemistry.



RN 910648-29-2 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(4-fluoro-2-methylphenyl)-3-pyridinyl 5-thio-  
(9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

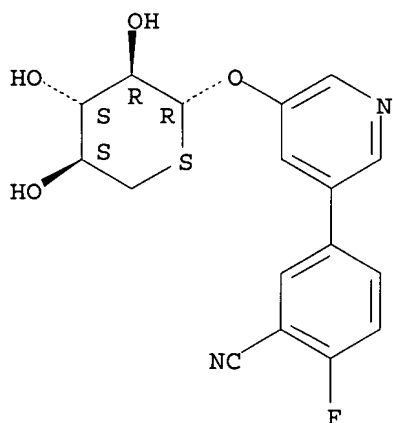


RN 910648-31-6 CAPLUS

CN Benzonitrile, 2-fluoro-5-[5-[(5-thio- $\beta$ -D-xylopyranosyl)oxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)



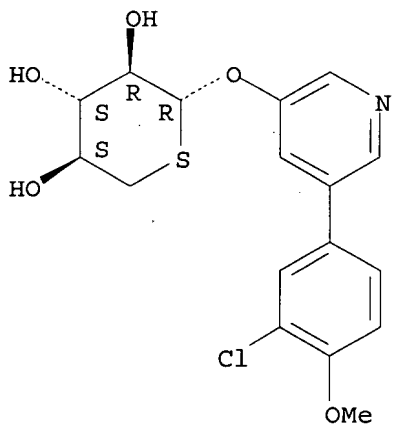
Absolute stereochemistry. Rotation (-).



RN 910648-33-8 CAPLUS

CN β-D-Xylopyranoside, 5-(3-chloro-4-methoxyphenyl)-3-pyridinyl 5-thio-  
(9CI) (CA INDEX NAME)

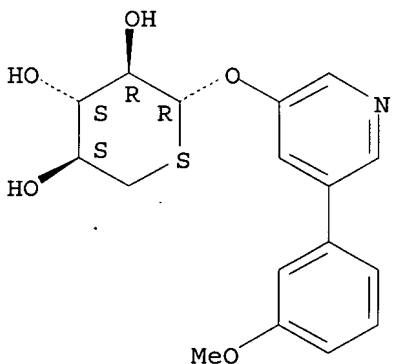
Absolute stereochemistry.



RN 910648-35-0 CAPLUS

CN β-D-Xylopyranoside, 5-(3-methoxyphenyl)-3-pyridinyl 5-thio- (9CI)  
(CA INDEX NAME)

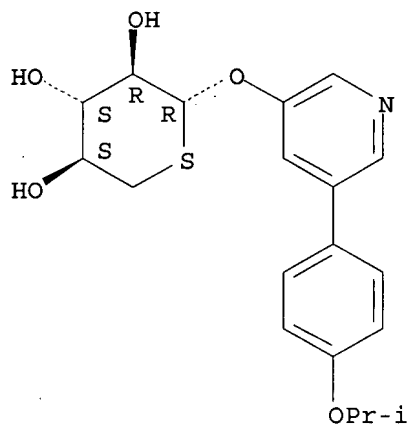
Absolute stereochemistry. Rotation (-).



RN 910648-37-2 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-[4-(1-methylethoxy)phenyl]-3-pyridinyl 5-thio-  
(9CI) (CA INDEX NAME)

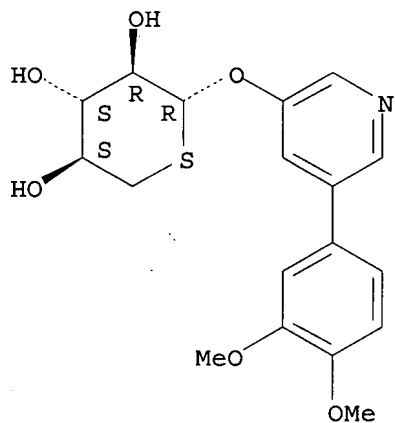
Absolute stereochemistry. Rotation (-).



RN 910648-39-4 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(3,4-dimethoxyphenyl)-3-pyridinyl 5-thio- (9CI)  
(CA INDEX NAME)

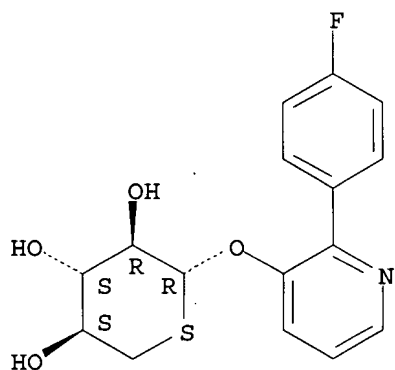
Absolute stereochemistry. Rotation (-).



RN 910648-41-8 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 2-(4-fluorophenyl)-3-pyridinyl 5-thio- (9CI) (CA  
INDEX NAME)

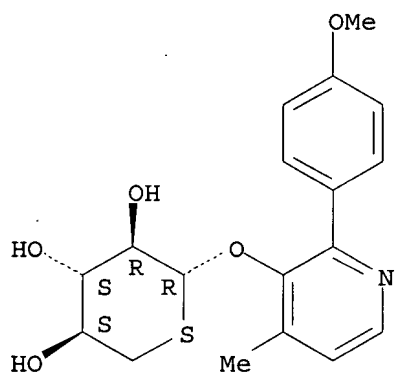
Absolute stereochemistry. Rotation (-).



RN 910648-43-0 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 2-(4-methoxyphenyl)-4-methyl-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

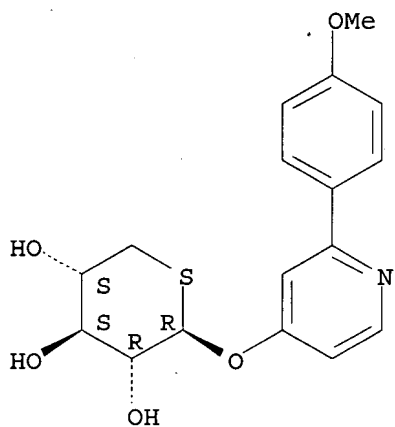
Absolute stereochemistry. Rotation (+).



RN 910648-45-2 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 2-(4-methoxyphenyl)-4-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

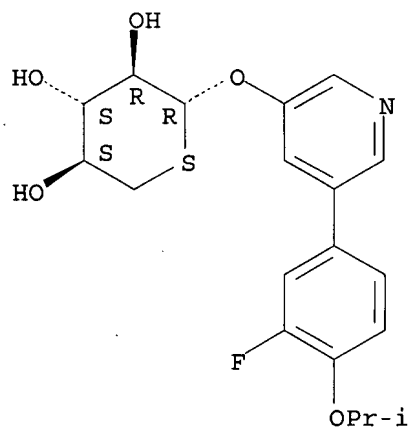
Absolute stereochemistry. Rotation (-).



RN 910648-47-4 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-[3-fluoro-4-(1-methylethoxy)phenyl]-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

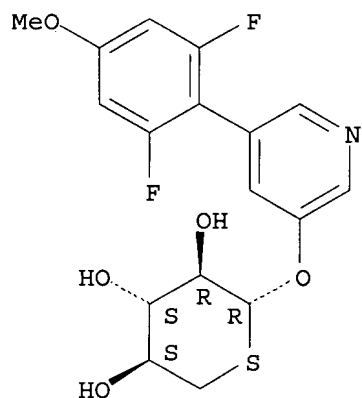
Absolute stereochemistry.



RN 910648-49-6 CAPLUS

CN β-D-Xylopyranoside, 5-(2,6-difluoro-4-methoxyphenyl)-3-pyridinyl  
5-thio- (9CI) (CA INDEX NAME)

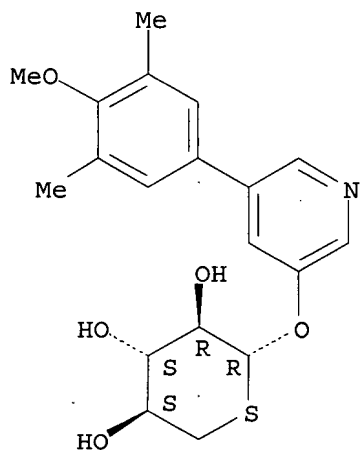
Absolute stereochemistry. Rotation (-).



RN 910648-51-0 CAPLUS

CN β-D-Xylopyranoside, 5-(4-methoxy-3,5-dimethylphenyl)-3-pyridinyl  
5-thio- (9CI) (CA INDEX NAME)

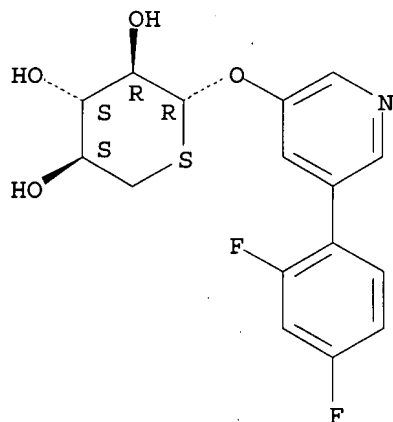
Absolute stereochemistry. Rotation (-).



RN 910648-53-2 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(2,4-difluorophenyl)-3-pyridinyl 5-thio- (9CI)  
(CA INDEX NAME)

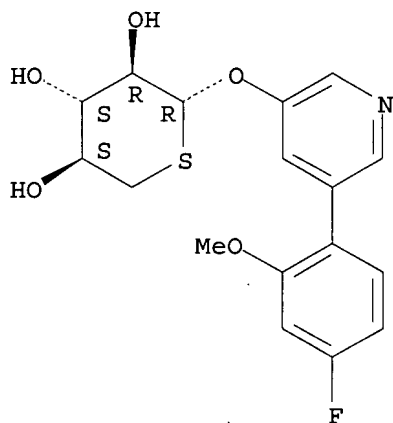
Absolute stereochemistry. Rotation (-).



RN 910648-55-4 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(4-fluoro-2-methoxyphenyl)-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

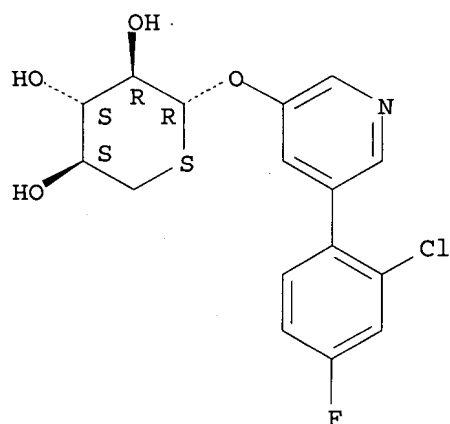
Absolute stereochemistry. Rotation (+).



RN 910648-57-6 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(2-chloro-4-fluorophenyl)-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

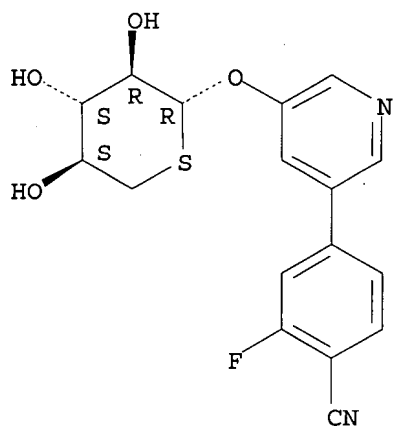
Absolute stereochemistry. Rotation (-).



RN 910648-59-8 CAPLUS

CN Benzonitrile, 2-fluoro-4-[5-[(5-thio-β-D-xylopyranosyl)oxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

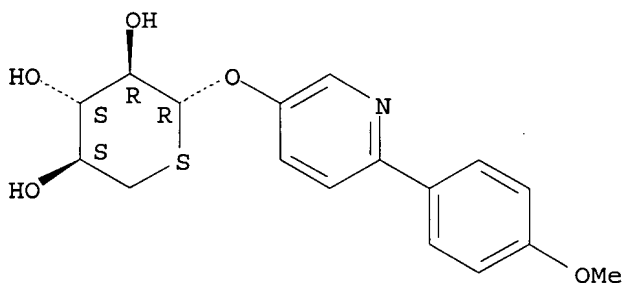
Absolute stereochemistry. Rotation (-).



RN 910648-61-2 CAPLUS

CN β-D-Xylopyranoside, 6-(4-methoxyphenyl)-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

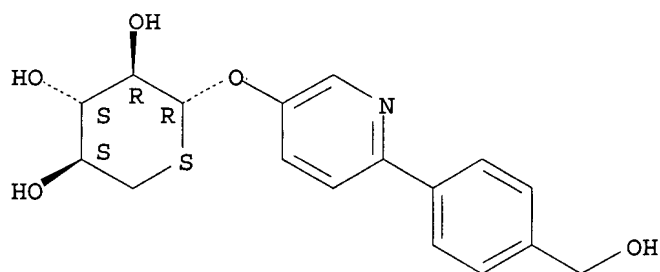
Absolute stereochemistry. Rotation (-).



RN 910648-63-4 CAPLUS

CN β-D-Xylopyranoside, 6-[4-(hydroxymethyl)phenyl]-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

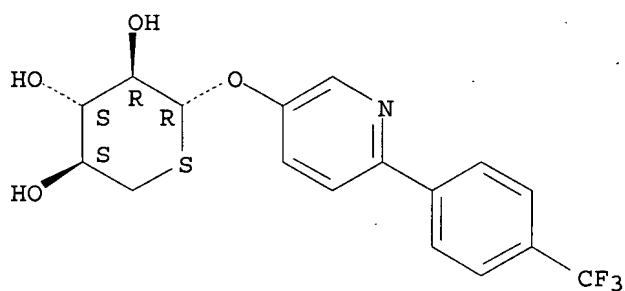
Absolute stereochemistry. Rotation (-).



RN 910648-65-6 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 6-[4-(trifluoromethyl)phenyl]-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

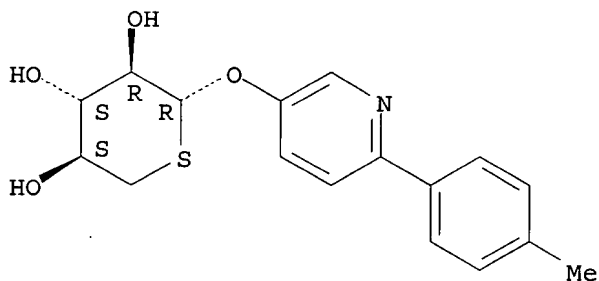
Absolute stereochemistry. Rotation (-).



RN 910648-67-8 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 6-(4-methylphenyl)-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

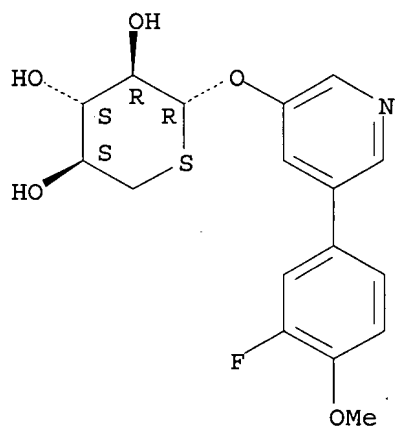
Absolute stereochemistry. Rotation (-).



RN 910648-69-0 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(3-fluoro-4-methoxyphenyl)-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

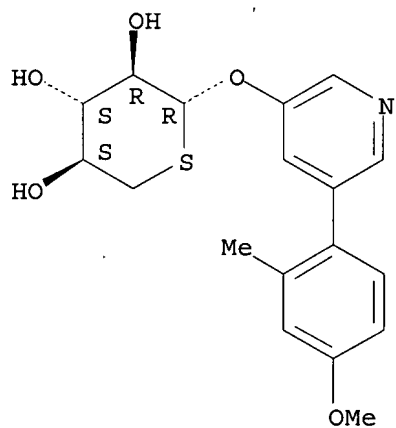
Absolute stereochemistry. Rotation (-).



RN 910648-71-4 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(4-methoxy-2-methylphenyl)-3-pyridinyl 5-thio-  
(9CI) (CA INDEX NAME)

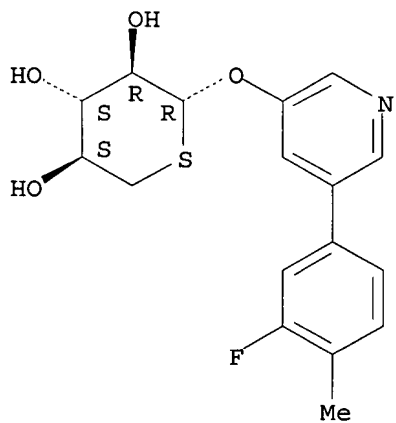
Absolute stereochemistry. Rotation (-).



RN 910648-73-6 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(3-fluoro-4-methylphenyl)-3-pyridinyl 5-thio-  
(9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

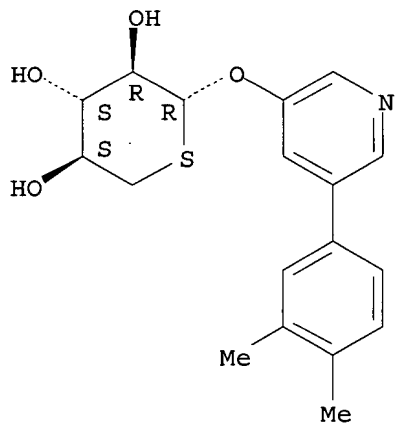


RN 910648-75-8 CAPLUS



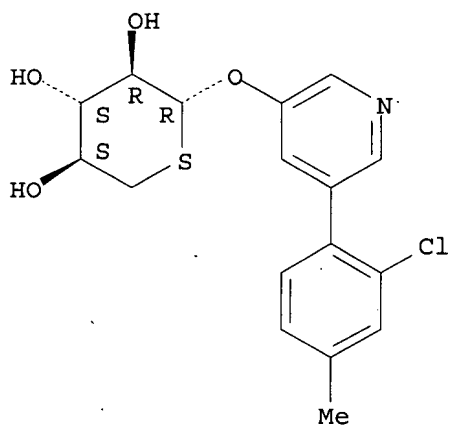
CN  $\beta$ -D-Xylopyranoside, 5-(3,4-dimethylphenyl)-3-pyridinyl 5-thio- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



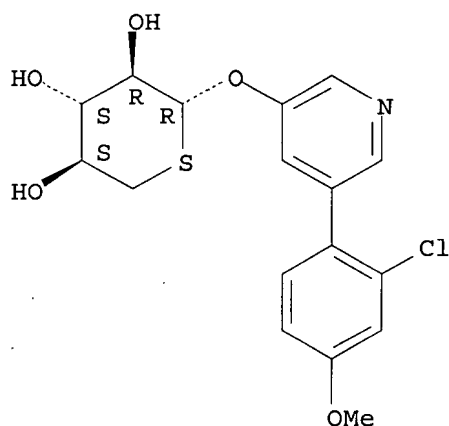
RN 910648-77-0 CAPLUS  
CN  $\beta$ -D-Xylopyranoside, 5-(2-chloro-4-methylphenyl)-3-pyridinyl 5-thio-  
(9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RN 910648-79-2 CAPLUS  
CN  $\beta$ -D-Xylopyranoside, 5-(2-chloro-4-methoxyphenyl)-3-pyridinyl 5-thio-  
(9CI) (CA INDEX NAME)

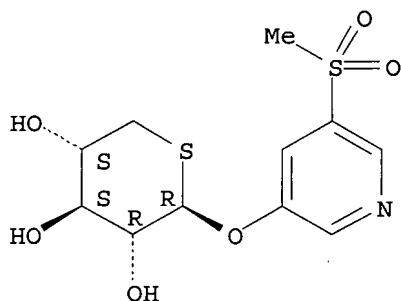
Absolute stereochemistry. Rotation (-).



RN 910648-81-6 CAPLUS

CN β-D-Xylopyranoside, 5-(methylsulfonyl)-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

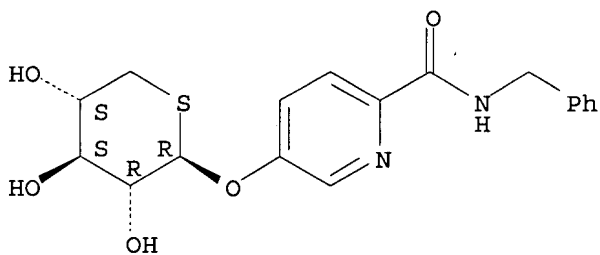
Absolute stereochemistry. Rotation (+).



RN 910648-83-8 CAPLUS

CN 2-Pyridinecarboxamide, N-(phenylmethyl)-5-[(5-thio-β-D-xylopyranosyl)oxy]- (9CI) (CA INDEX NAME)

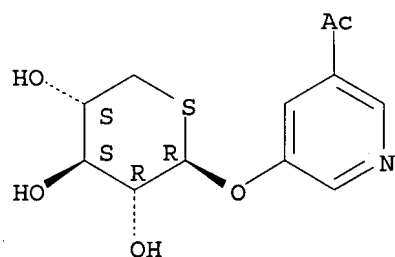
Absolute stereochemistry. Rotation (-).



RN 910648-85-0 CAPLUS

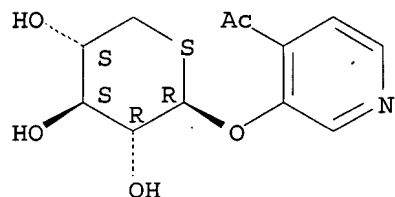
CN Ethanone, 1-[5-[(5-thio-β-D-xylopyranosyl)oxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



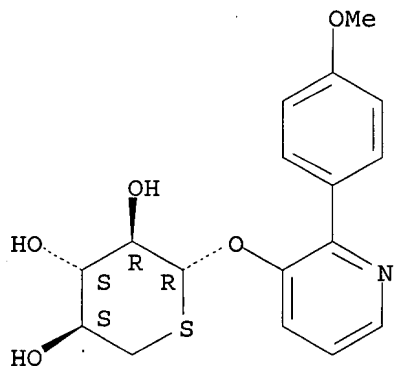
RN 910648-86-1 CAPLUS  
 CN Ethanone, 1-[3-[(5-thio- $\beta$ -D-xylopyranosyl)oxy]-4-pyridinyl] - (9CI)  
 (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



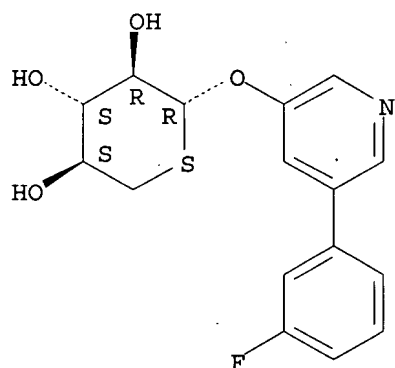
RN 910648-87-2 CAPLUS  
 CN  $\beta$ -D-Xylopyranoside, 2-(4-methoxyphenyl)-3-pyridinyl 5-thio- (9CI)  
 (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RN 910648-88-3 CAPLUS  
 CN  $\beta$ -D-Xylopyranoside, 5-(3-fluorophenyl)-3-pyridinyl 5-thio- (9CI) (CA  
 INDEX NAME)

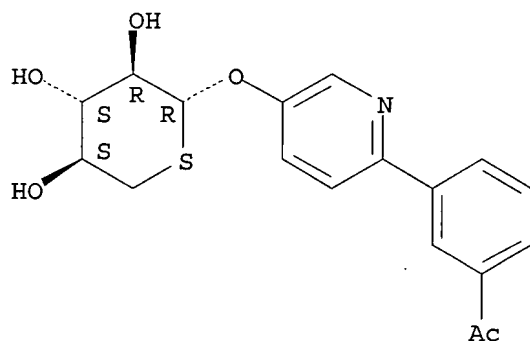
Absolute stereochemistry. Rotation (-).



RN 910648-89-4 CAPLUS

CN Ethanone, 1-[3-[5-[(5-thio- $\beta$ -D-xylopyranosyl)oxy]-2-pyridinyl]phenyl]-(9CI) (CA INDEX NAME)

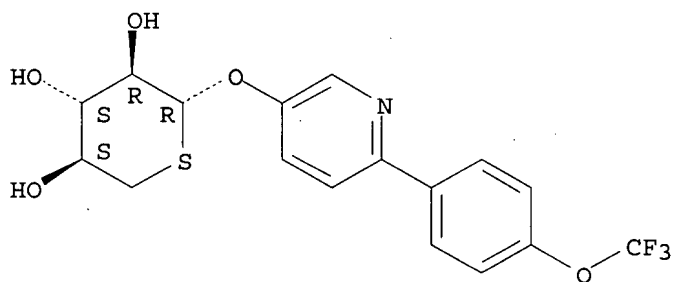
Absolute stereochemistry. Rotation (-).



RN 910648-90-7 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 6-[4-(trifluoromethoxy)phenyl]-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

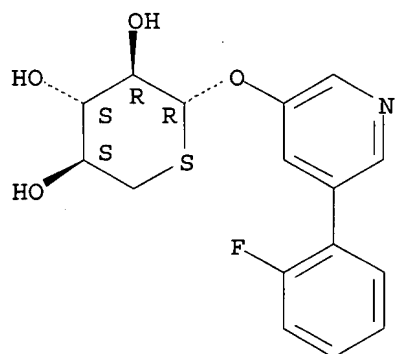
Absolute stereochemistry. Rotation (-).



RN 910648-91-8 CAPLUS

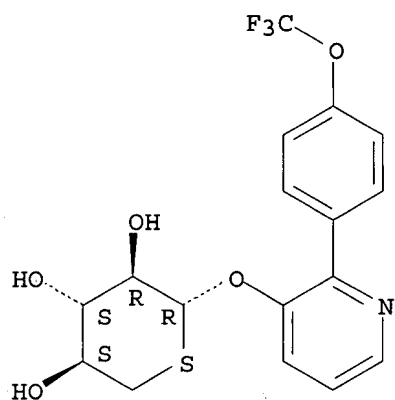
CN  $\beta$ -D-Xylopyranoside, 5-(2-fluorophenyl)-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



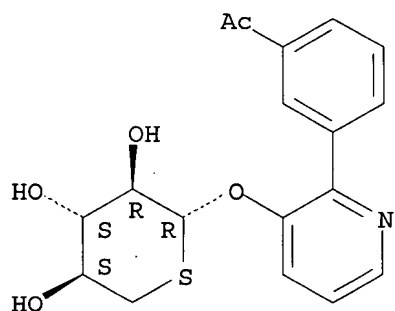
RN 910648-92-9 CAPLUS  
 CN β-D-Xylopyranoside, 2-[4-(trifluoromethoxy)phenyl]-3-pyridinyl  
 5-thio- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



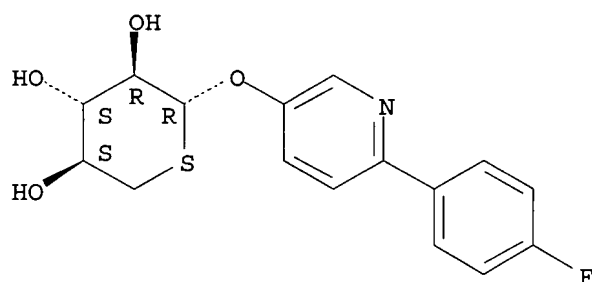
RN 910648-93-0 CAPLUS  
 CN Ethanone, 1-[3-[3-[(5-thio-β-D-xylopyranosyl)oxyl]-2-pyridinyl]phenyl]-  
 (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RN 910648-94-1 CAPLUS  
 CN β-D-Xylopyranoside, 6-(4-fluorophenyl)-3-pyridinyl 5-thio- (9CI) (CA  
 INDEX NAME)

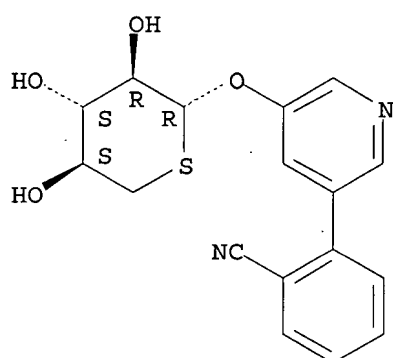
Absolute stereochemistry. Rotation (-).



RN 910648-95-2 CAPLUS

CN Benzonitrile, 2-[5-[(5-thio- $\beta$ -D-xylopyranosyl)oxy]-3-pyridinyl]-(9CI) (CA INDEX NAME)

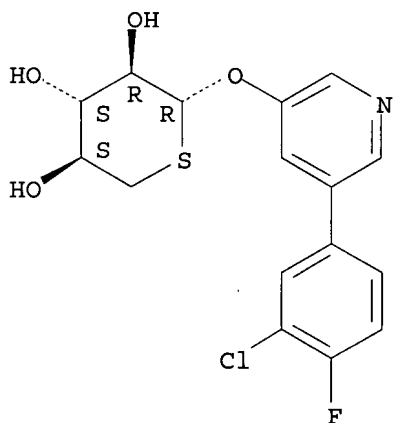
Absolute stereochemistry. Rotation (-).



RN 910648-96-3 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(3-chloro-4-fluorophenyl)-3-pyridinyl 5-thio-(9CI) (CA INDEX NAME)

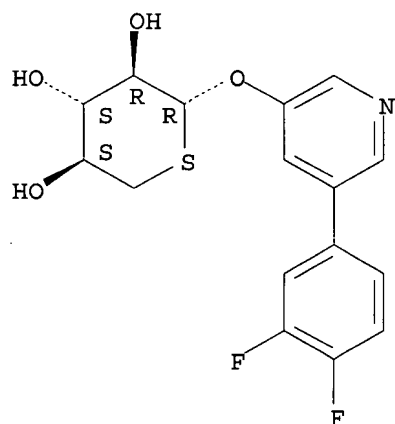
Absolute stereochemistry. Rotation (-).



RN 910648-97-4 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(3,4-difluorophenyl)-3-pyridinyl 5-thio-(9CI) (CA INDEX NAME)

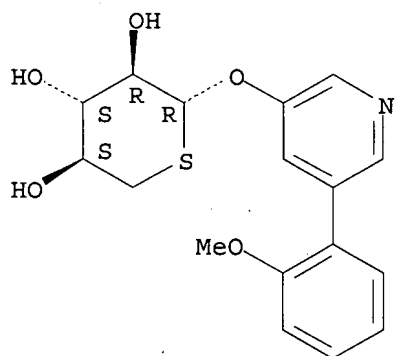
Absolute stereochemistry.



RN 910648-98-5 CAPLUS

CN β-D-Xylopyranoside, 5-(2-methoxyphenyl)-3-pyridinyl 5-thio- (9CI)  
(CA INDEX NAME)

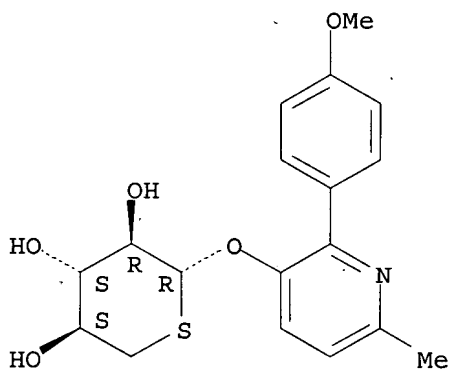
Absolute stereochemistry. Rotation (-).



RN 910648-99-6 CAPLUS

CN β-D-Xylopyranoside, 2-(4-methoxyphenyl)-6-methyl-3-pyridinyl 5-thio-  
(9CI) (CA INDEX NAME)

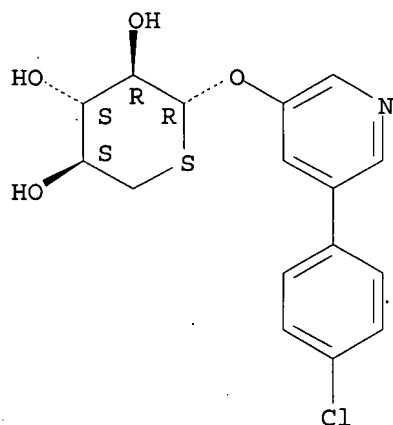
Absolute stereochemistry. Rotation (-).



RN 910649-00-2 CAPLUS

CN β-D-Xylopyranoside, 5-(4-chlorophenyl)-3-pyridinyl 5-thio- (9CI) (CA  
INDEX NAME)

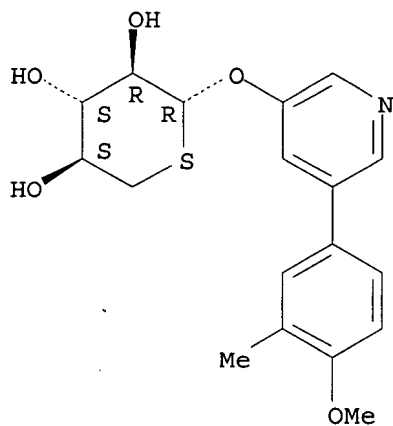
Absolute stereochemistry. Rotation (-).



RN 910649-01-3 CAPLUS

CN β-D-Xylopyranoside, 5-(4-methoxy-3-methylphenyl)-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

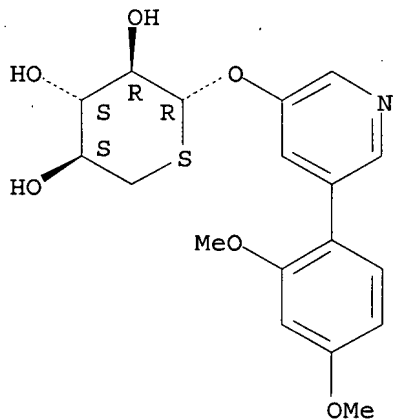
Absolute stereochemistry. Rotation (+).



RN 910649-02-4 CAPLUS

CN β-D-Xylopyranoside, 5-(2,4-dimethoxyphenyl)-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

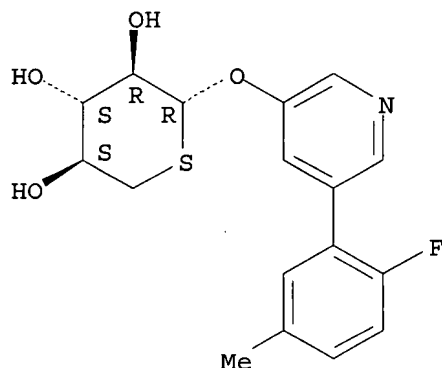




RN 910649-03-5 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(2-fluoro-5-methylphenyl)-3-pyridinyl 5-thio-  
(9CI) (CA INDEX NAME)

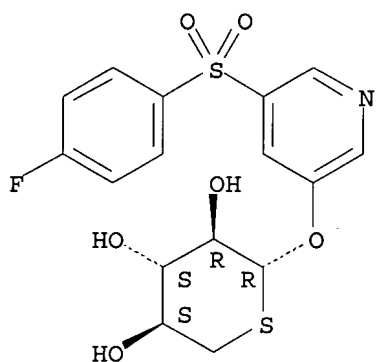
Absolute stereochemistry. Rotation (-).



RN 910649-06-8 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-[(4-fluorophenyl)sulfonyl]-3-pyridinyl 5-thio-  
(9CI) (CA INDEX NAME)

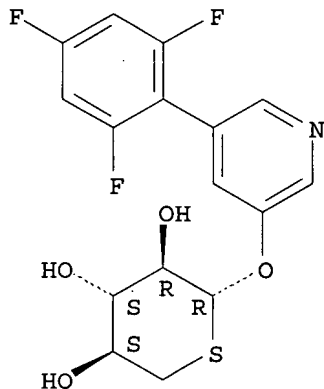
Absolute stereochemistry. Rotation (-).



RN 910649-08-0 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(2,4,6-trifluorophenyl)-3-pyridinyl 5-thio-  
(9CI) (CA INDEX NAME)

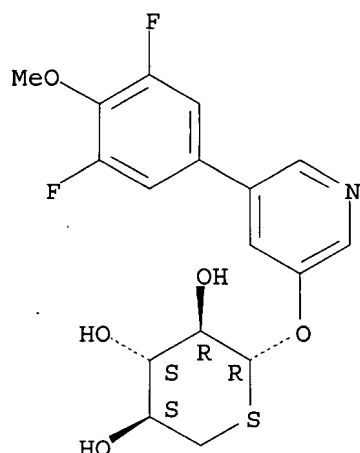
Absolute stereochemistry. Rotation (-).



RN 910649-10-4 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(3,5-difluoro-4-methoxyphenyl)-3-pyridinyl  
5-thio- (9CI) (CA INDEX NAME)

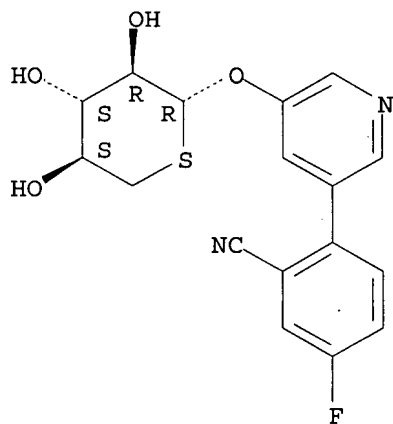
Absolute stereochemistry. Rotation (-).



RN 910649-12-6 CAPLUS

CN Benzonitrile, 5-fluoro-2-[5-[(5-thio- $\beta$ -D-xylopyranosyl)oxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

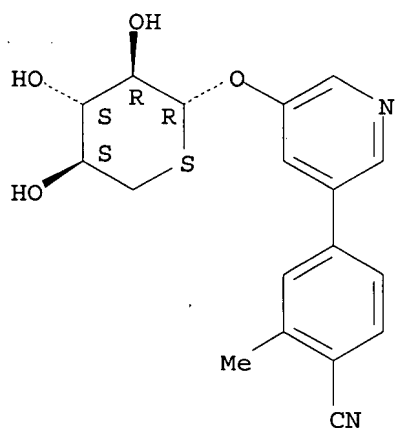
Absolute stereochemistry. Rotation (-).



RN 910649-14-8 CAPLUS

CN Benzonitrile, 2-methyl-4-[5-[(5-thio- $\beta$ -D-xylopyranosyl)oxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

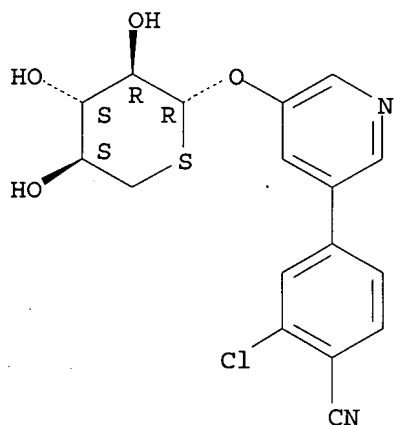
Absolute stereochemistry. Rotation (-).



RN 910649-16-0 CAPLUS

CN Benzonitrile, 2-chloro-4-[5-[(5-thio- $\beta$ -D-xylopyranosyl)oxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

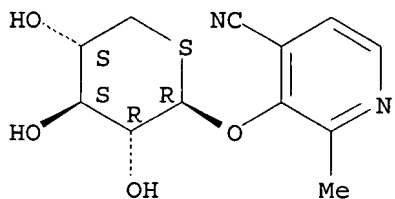
Absolute stereochemistry. Rotation (-).



RN 910649-18-2 CAPLUS

CN 4-Pyridinecarbonitrile, 2-methyl-3-[(5-thio- $\beta$ -D-xylopyranosyl)oxy]- (9CI) (CA INDEX NAME)

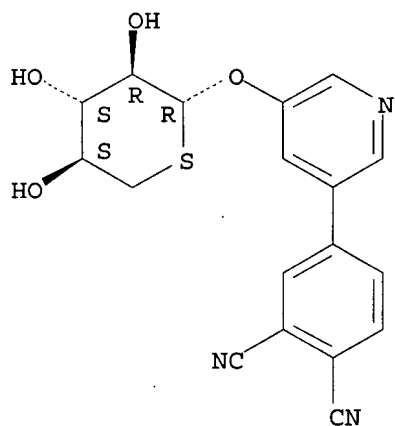
Absolute stereochemistry. Rotation (-).



RN 910649-20-6 CAPLUS

CN 1,2-Benzenedicarbonitrile, 4-[5-[(5-thio- $\beta$ -D-xylopyranosyl)oxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

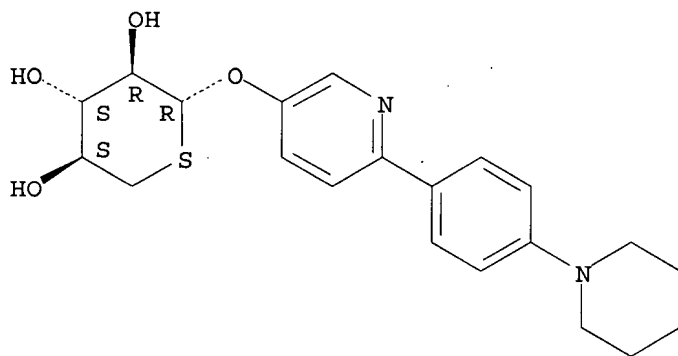
Absolute stereochemistry. Rotation (-).



RN 910649-22-8 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 6-[4-(1-piperidinyl)phenyl]-3-pyridinyl 5-thio-  
(9CI) (CA INDEX NAME)

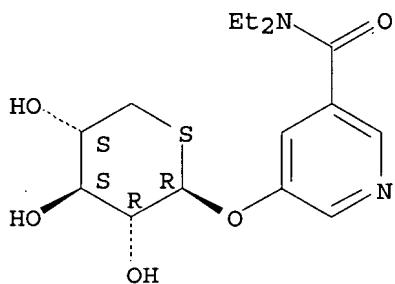
Absolute stereochemistry. Rotation (-).



RN 910649-23-9 CAPLUS

CN 3-Pyridinecarboxamide, N,N-diethyl-5-[(5-thio- $\beta$ -D-xylopyranosyl)oxy]-  
(9CI) (CA INDEX NAME)

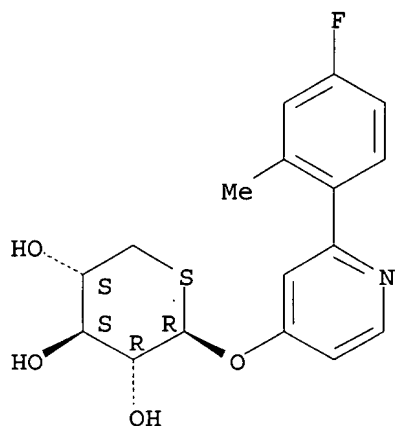
Absolute stereochemistry. Rotation (-).



RN 910649-25-1 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 2-(4-fluoro-2-methylphenyl)-4-pyridinyl 5-thio-  
(9CI) (CA INDEX NAME)

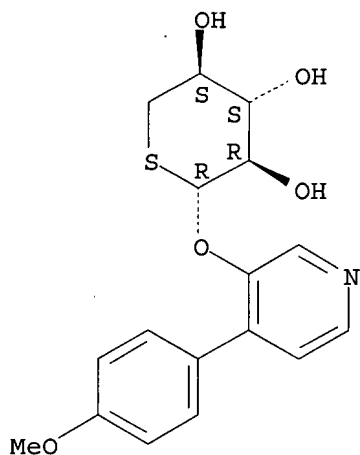
Absolute stereochemistry. Rotation (-).



RN 910654-56-7 CAPLUS

CN β-D-Xylopyranoside, 4-(4-methoxyphenyl)-3-pyridinyl 5-thio- (9CI)  
(CA INDEX NAME)

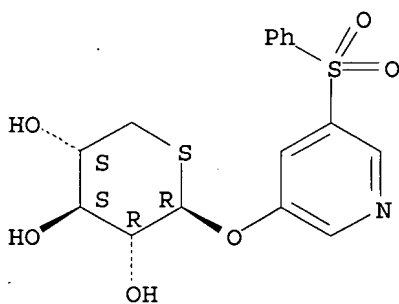
Absolute stereochemistry.



RN 910654-57-8 CAPLUS

CN β-D-Xylopyranoside, 5-(phenylsulfonyl)-3-pyridinyl 5-thio- (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



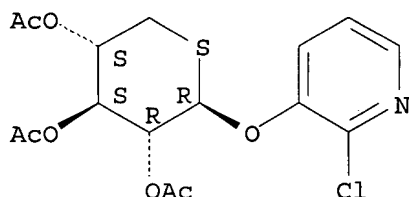
IT 910649-61-5

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of compds. derived from thioxylase and therapeutic use thereof  
as antithrombotic agents)

RN 910649-61-5 CAPLUS  
CN  $\beta$ -D-Xylopyranoside, 2-chloro-3-pyridinyl 5-thio-, 2,3,4-triacetate  
(9CI) (CA INDEX NAME)

Absolute stereochemistry.



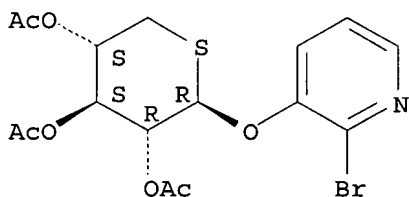
IT 848695-47-6P 910647-70-0P 910647-72-2P  
910647-74-4P 910647-76-6P 910647-78-8P  
910647-80-2P 910647-82-4P 910647-84-6P  
910647-86-8P 910647-88-0P 910647-90-4P  
910647-92-6P 910647-94-8P 910647-96-0P  
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910648-05-4P 910648-08-7P 910648-10-1P  
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910648-72-5P 910648-74-7P 910648-76-9P  
910648-78-1P 910648-80-5P 910648-82-7P  
910648-84-9P 910649-04-6P 910649-05-7P  
910649-07-9P 910649-09-1P 910649-11-5P  
910649-13-7P 910649-15-9P 910649-17-1P  
910649-19-3P 910649-21-7P 910649-24-0P  
910649-44-4P 910649-45-5P 910649-46-6P  
910649-47-7P 910649-48-8P 910649-49-9P  
910649-50-2P 910649-51-3P 910649-54-6P  
910655-10-6P 910655-11-7P 910793-43-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)

(preparation of compds. derived from thioxyllose and therapeutic use thereof  
as antithrombotic agents)

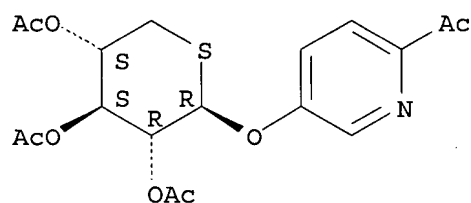
RN 848695-47-6 CAPLUS  
CN  $\beta$ -D-Xylopyranoside, 2-bromo-3-pyridinyl 5-thio-, 2,3,4-triacetate  
(9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RN 910647-70-0 CAPLUS  
CN Ethanone, 1-[5-[(2,3,4-tri-O-acetyl-5-thio-beta-D-xylopyranosyl)oxy]-2-  
pyridinyl]- (9CI) (CA INDEX NAME)

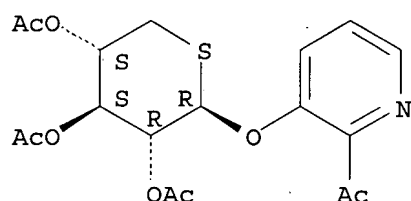
Absolute stereochemistry. Rotation (-).



RN 910647-72-2 CAPLUS

CN Ethanone, 1-[3-[(2,3,4-tri-O-acetyl-5-thio-β-D-xylopyranosyl)oxy]-2-pyridinyl]- (9CI) (CA INDEX NAME)

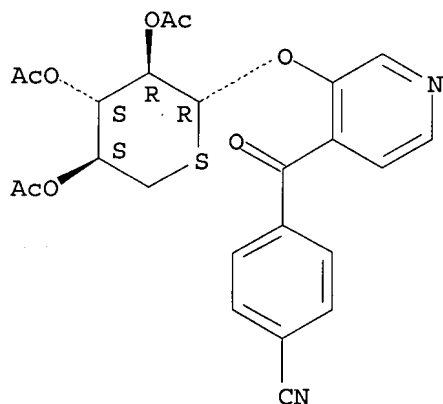
Absolute stereochemistry. Rotation (-).



RN 910647-74-4 CAPLUS

CN Benzonitrile, 4-[[3-[(2,3,4-tri-O-acetyl-5-thio-β-D-xylopyranosyl)oxy]-4-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)

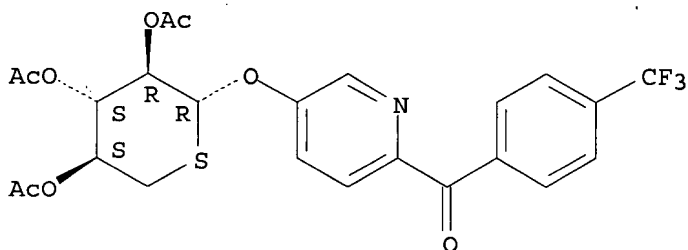
Absolute stereochemistry. Rotation (-).



RN 910647-76-6 CAPLUS

CN Methanone, [5-[(2,3,4-tri-O-acetyl-5-thio-β-D-xylopyranosyl)oxy]-2-pyridinyl][4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

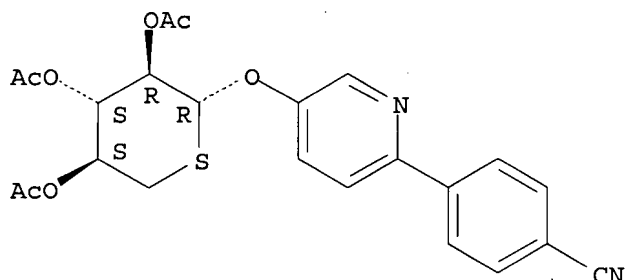
Absolute stereochemistry. Rotation (-).



RN 910647-78-8 CAPLUS

CN Benzonitrile, 4-[5-[(2,3,4-tri-O-acetyl-5-thio-β-D-xylopyranosyl)oxy]-2-pyridinyl]- (9CI) (CA INDEX NAME)

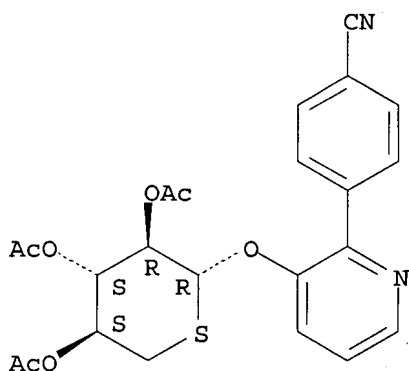
Absolute stereochemistry. Rotation (+).



RN 910647-80-2 CAPLUS

CN Benzonitrile, 4-[3-[(2,3,4-tri-O-acetyl-5-thio-β-D-xylopyranosyl)oxy]-2-pyridinyl]- (9CI) (CA INDEX NAME)

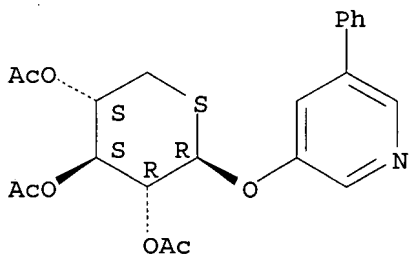
Absolute stereochemistry. Rotation (-).



RN 910647-82-4 CAPLUS

CN β-D-Xylopyranoside, 5-phenyl-3-pyridinyl 5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

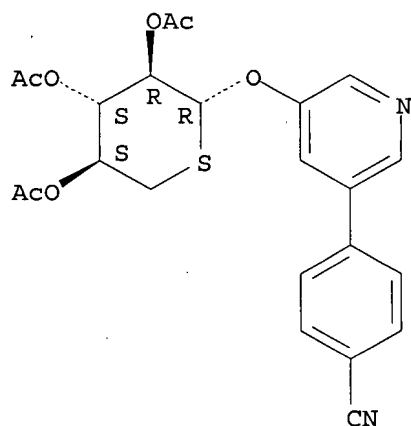


RN 910647-84-6 CAPLUS

CN Benzonitrile, 4-[5-[(2,3,4-tri-O-acetyl-5-thio-β-D-xylopyranosyl)oxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

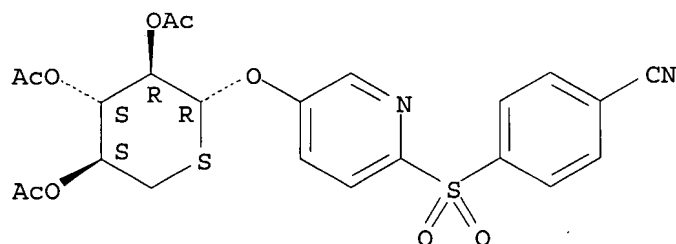
Absolute stereochemistry. Rotation (+).





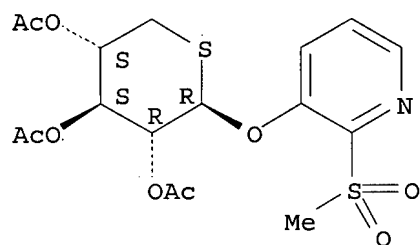
RN 910647-86-8 CAPLUS  
 CN Benzonitrile, 4-[[5-[(2,3,4-tri-O-acetyl-5-thio- $\beta$ -D-xylopyranosyl)oxy]-2-pyridinyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



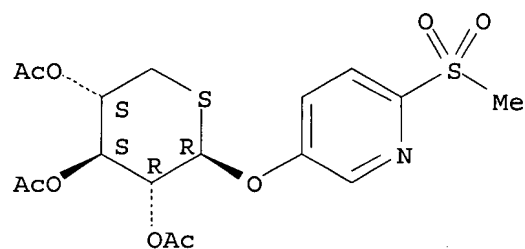
RN 910647-88-0 CAPLUS  
 CN  $\beta$ -D-Xylopyranoside, 2-(methylsulfonyl)-3-pyridinyl 5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 910647-90-4 CAPLUS  
 CN  $\beta$ -D-Xylopyranoside, 6-(methylsulfonyl)-3-pyridinyl 5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

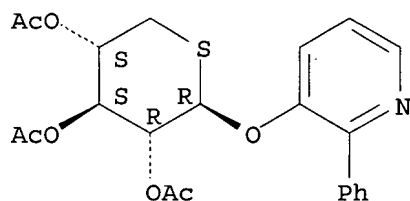
Absolute stereochemistry. Rotation (-).



RN 910647-92-6 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 2-phenyl-3-pyridinyl 5-thio-, 2,3,4-triacetate  
(9CI) (CA INDEX NAME)

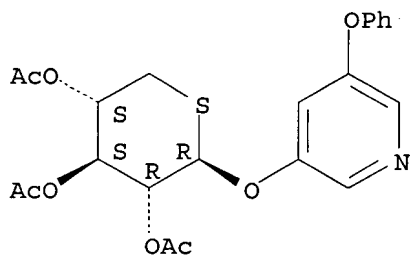
Absolute stereochemistry. Rotation (-).



RN 910647-94-8 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-phenoxy-3-pyridinyl 5-thio-, 2,3,4-triacetate  
(9CI) (CA INDEX NAME)

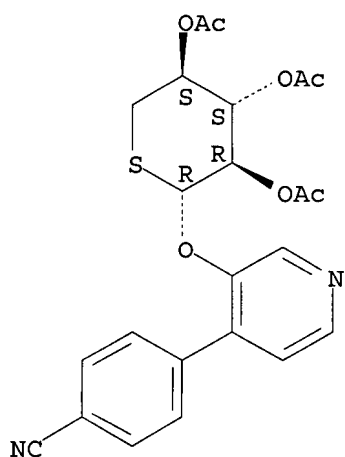
Absolute stereochemistry. Rotation (-).



RN 910647-96-0 CAPLUS

CN Benzonitrile, 4-[3-[(2,3,4-tri-O-acetyl-5-thio-beta-D-xylopyranosyl)oxy]-  
4-pyridinyl]- (9CI) (CA INDEX NAME)

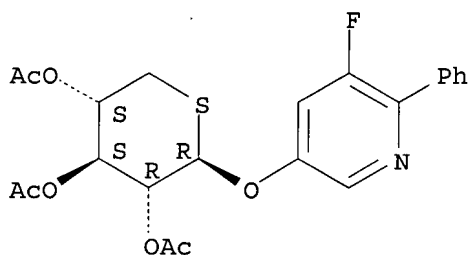
Absolute stereochemistry. Rotation (-).



RN 910647-99-3 CAPLUS

CN β-D-Xylopyranoside, 5-fluoro-6-phenyl-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

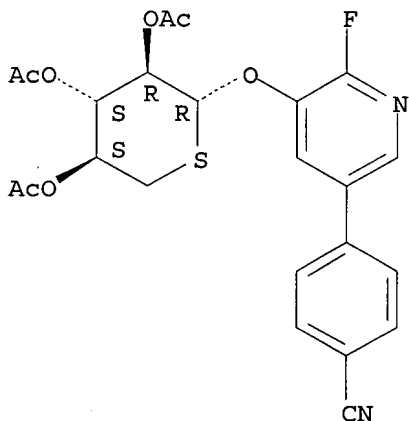
Absolute stereochemistry. Rotation (-).



RN 910648-01-0 CAPLUS

CN Benzonitrile, 4-[6-fluoro-5-[(2,3,4-tri-O-acetyl-5-thio-β-D-xylopyranosyl)oxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

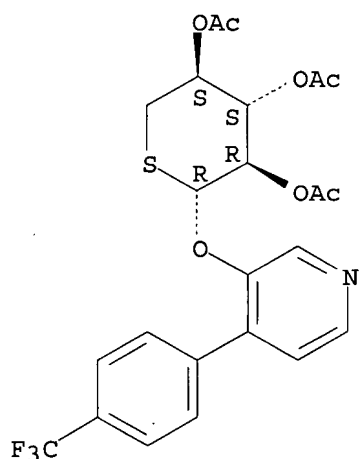
Absolute stereochemistry. Rotation (-).



RN 910648-03-2 CAPLUS

CN β-D-Xylopyranoside, 4-[4-(trifluoromethyl)phenyl]-3-pyridinyl  
5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

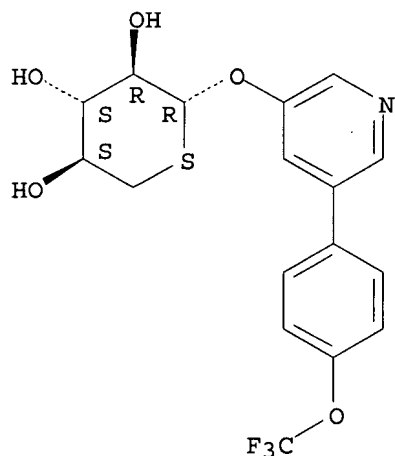
Absolute stereochemistry. Rotation (-).



RN 910648-05-4 CAPLUS

CN β-D-Xylopyranoside, 5-[4-(trifluoromethoxy)phenyl]-3-pyridinyl  
5-thio- (9CI) (CA INDEX NAME)

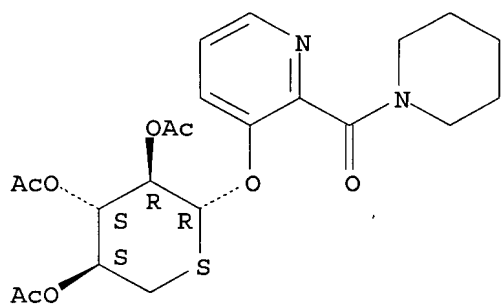
Absolute stereochemistry. Rotation (-).



RN 910648-08-7 CAPLUS

CN Piperidine, 1-[[3-[(2,3,4-tri-O-acetyl-5-thio-β-D-xylopyranosyl)oxy]-  
2-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)

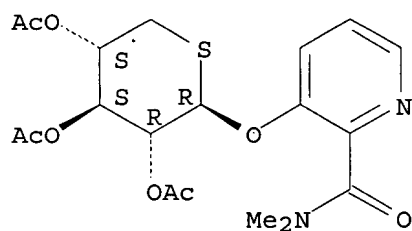
Absolute stereochemistry. Rotation (-).



RN 910648-10-1 CAPLUS

CN 2-Pyridinecarboxamide, N,N-dimethyl-3-[(2,3,4-tri-O-acetyl-5-thio-β-D-  
xylopyranosyl)oxy]- (9CI) (CA INDEX NAME)

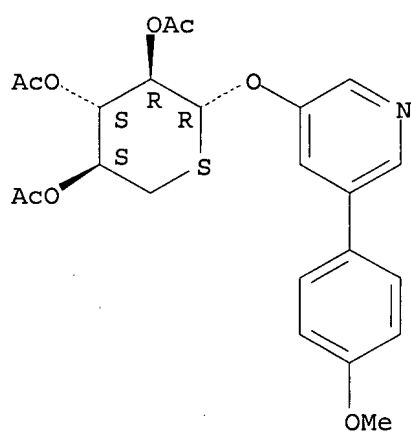
Absolute stereochemistry. Rotation (-).



RN 910648-12-3 CAPLUS

CN β-D-Xylopyranoside, 5-(4-methoxyphenyl)-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

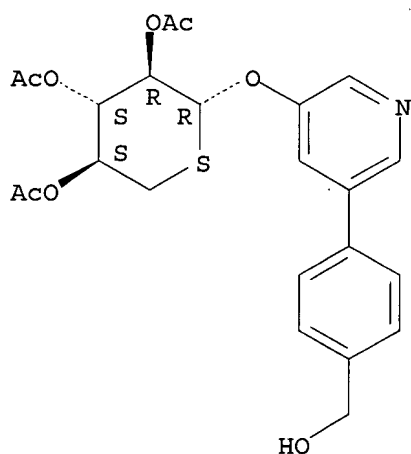
Absolute stereochemistry. Rotation (-).



RN 910648-14-5 CAPLUS

CN β-D-Xylopyranoside, 5-[4-(hydroxymethyl)phenyl]-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

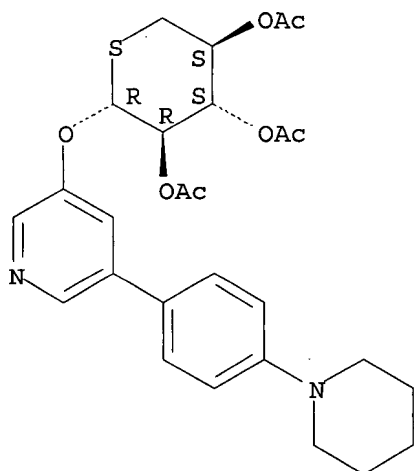
Absolute stereochemistry. Rotation (-).



RN 910648-16-7 CAPLUS

CN β-D-Xylopyranoside, 5-[4-(1-piperidinyl)phenyl]-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

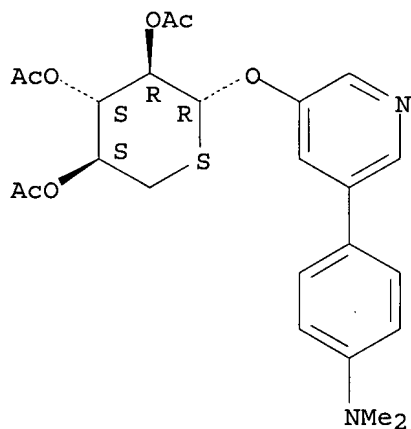
Absolute stereochemistry.



RN 910648-18-9 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-[4-(dimethylamino)phenyl]-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

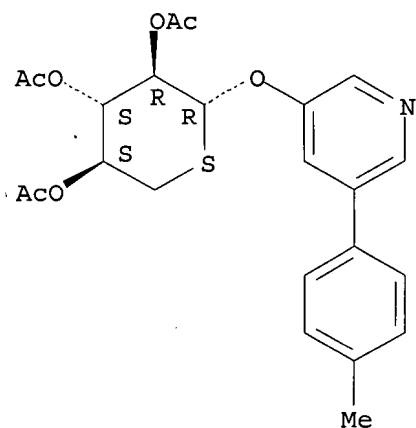
Absolute stereochemistry. Rotation (+).



RN 910648-20-3 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(4-methylphenyl)-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

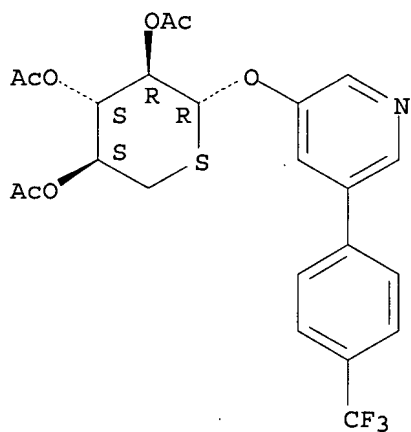
Absolute stereochemistry. Rotation (-).



RN 910648-22-5 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-[4-(trifluoromethyl)phenyl]-3-pyridinyl  
5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

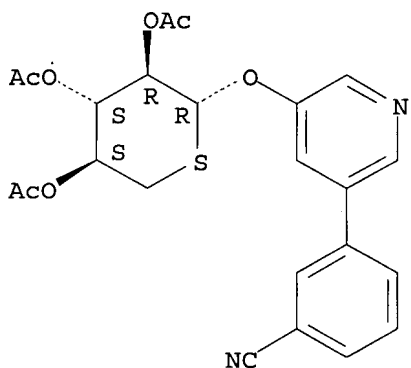
Absolute stereochemistry. Rotation (+).



RN 910648-23-6 CAPLUS

CN Benzonitrile, 3-[5-[(2,3,4-tri-O-acetyl-5-thio-beta-D-xylopyranosyl)oxy]-  
3-pyridinyl]- (9CI) (CA INDEX NAME)

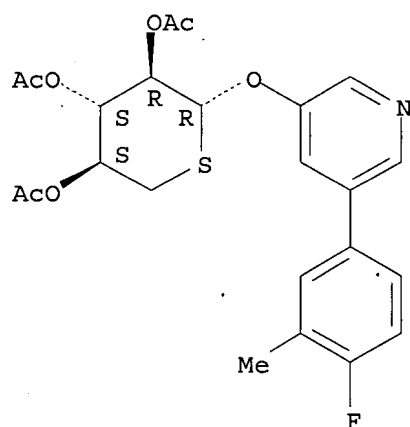
Absolute stereochemistry. Rotation (-).



RN 910648-26-9 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(4-fluoro-3-methylphenyl)-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

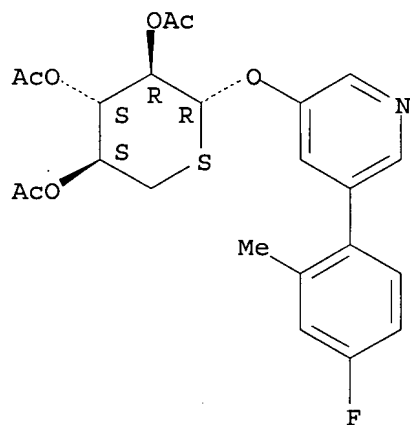
Absolute stereochemistry. Rotation (-).



RN 910648-28-1 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(4-fluoro-2-methylphenyl)-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

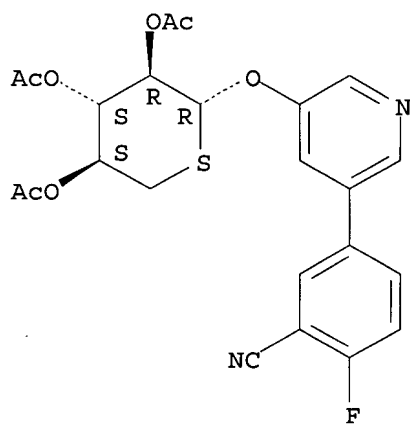
Absolute stereochemistry. Rotation (-).



RN 910648-30-5 CAPLUS

CN Benzonitrile, 2-fluoro-5-[5-[(2,3,4-tri-O-acetyl-5-thio- $\beta$ -D-xylopyranosyl)oxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

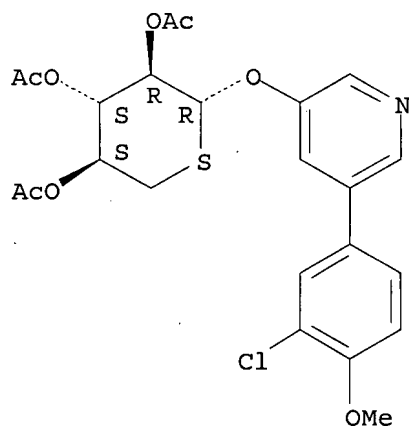




RN 910648-32-7 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(3-chloro-4-methoxyphenyl)-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

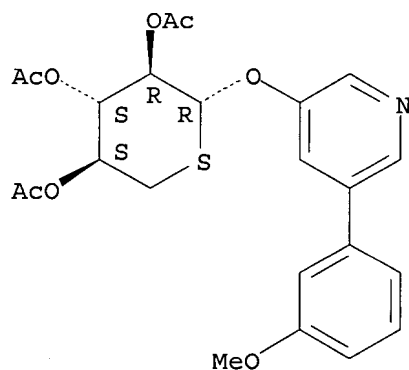
Absolute stereochemistry. Rotation (-).



RN 910648-34-9 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(3-methoxyphenyl)-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

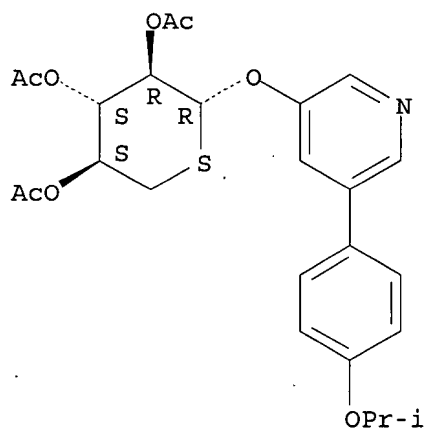
Absolute stereochemistry. Rotation (+).



RN 910648-36-1 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-[4-(1-methylethoxy)phenyl]-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

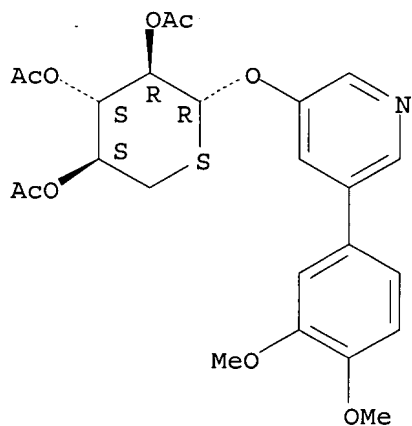
Absolute stereochemistry. Rotation (-).



RN 910648-38-3 CAPLUS

CN β-D-Xylopyranoside, 5-(3,4-dimethoxyphenyl)-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

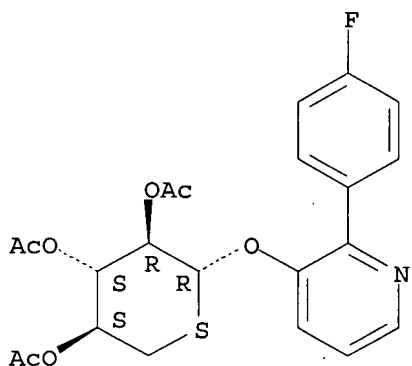
Absolute stereochemistry. Rotation (-).



RN 910648-40-7 CAPLUS

CN β-D-Xylopyranoside, 2-(4-fluorophenyl)-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

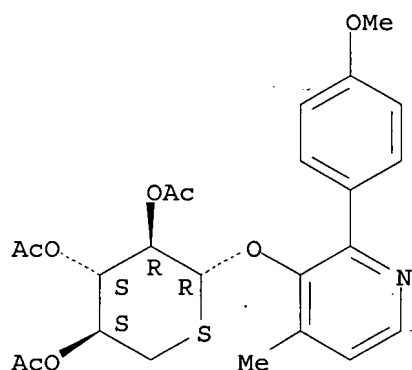
Absolute stereochemistry. Rotation (-).



RN 910648-42-9 CAPLUS

CN β-D-Xylopyranoside, 2-(4-methoxyphenyl)-4-methyl-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

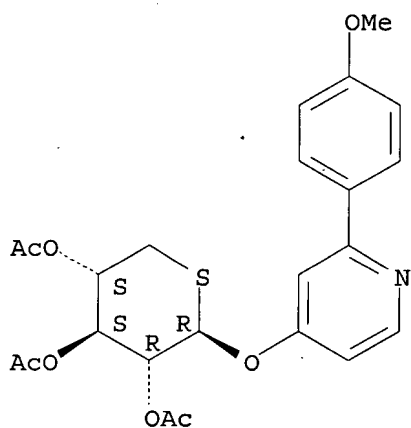
Absolute stereochemistry.



RN 910648-44-1 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 2-(4-methoxyphenyl)-4-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

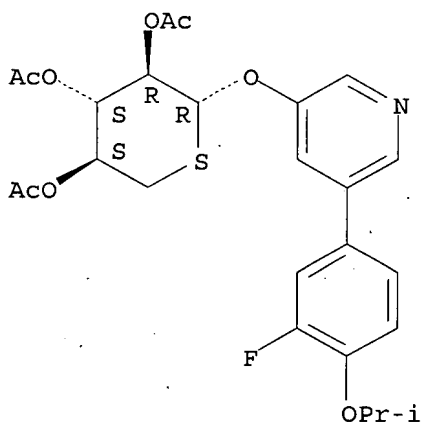
Absolute stereochemistry. Rotation (-).



RN 910648-46-3 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-[3-fluoro-4-(1-methylethoxy)phenyl]-3-pyridinyl  
5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

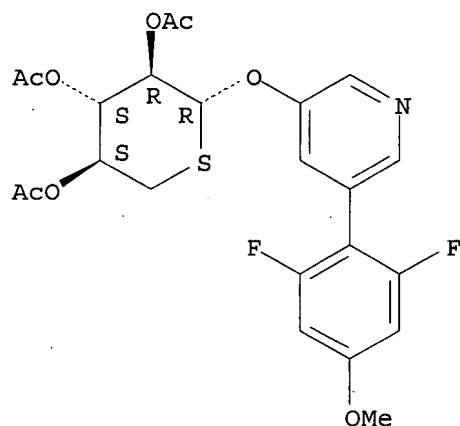
Absolute stereochemistry. Rotation (+).



RN 910648-48-5 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(2,6-difluoro-4-methoxyphenyl)-3-pyridinyl  
5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

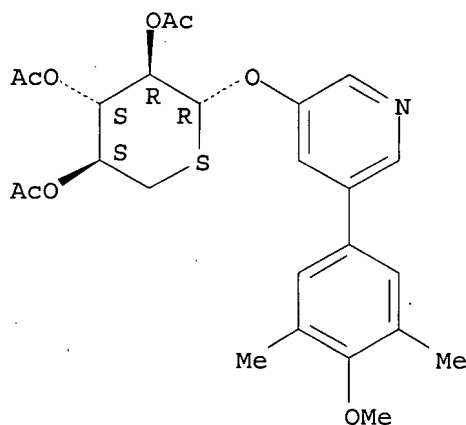
Absolute stereochemistry. Rotation (-).



RN 910648-50-9 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(4-methoxy-3,5-dimethylphenyl)-3-pyridinyl  
5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

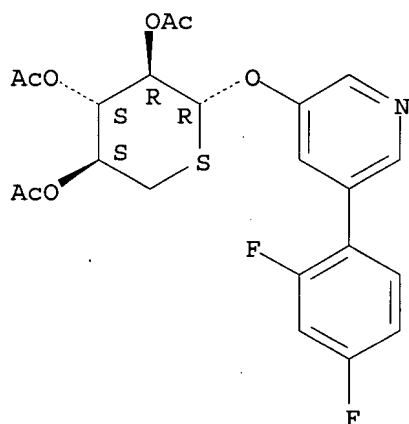
Absolute stereochemistry.



RN 910648-52-1 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(2,4-difluorophenyl)-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

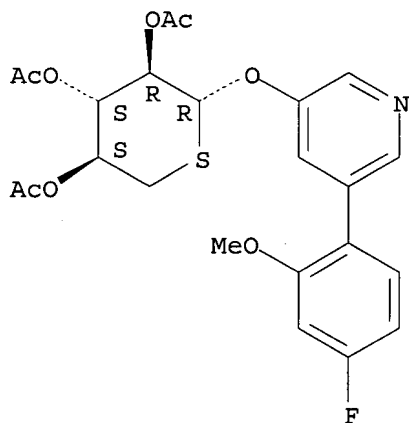
Absolute stereochemistry. Rotation (-).



RN 910648-54-3 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(4-fluoro-2-methoxyphenyl)-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

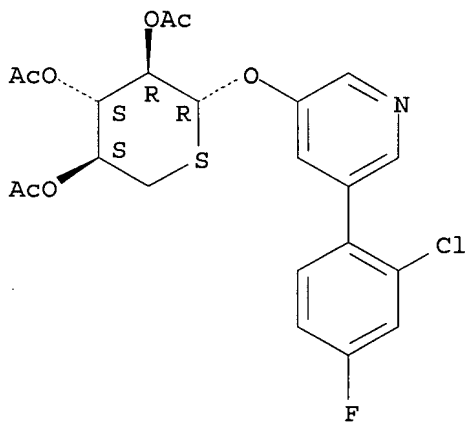
Absolute stereochemistry. Rotation (-).



RN 910648-56-5 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(2-chloro-4-fluorophenyl)-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

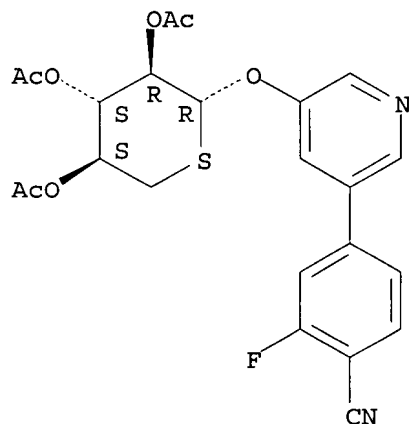
Absolute stereochemistry. Rotation (-).



RN 910648-58-7 CAPLUS

CN Benzonitrile, 2-fluoro-4-[5-[(2,3,4-tri-O-acetyl-5-thio- $\beta$ -D-xylopyranosyl)oxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

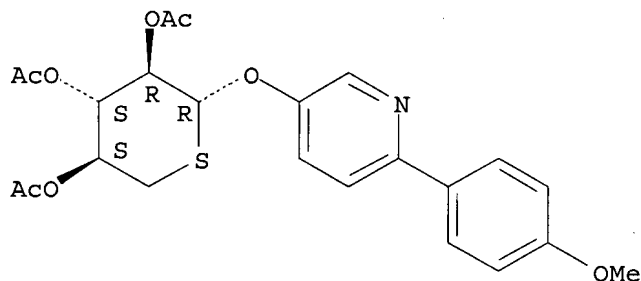
Absolute stereochemistry. Rotation (-).



RN 910648-60-1 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 6-(4-methoxyphenyl)-3-pyridinyl 5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

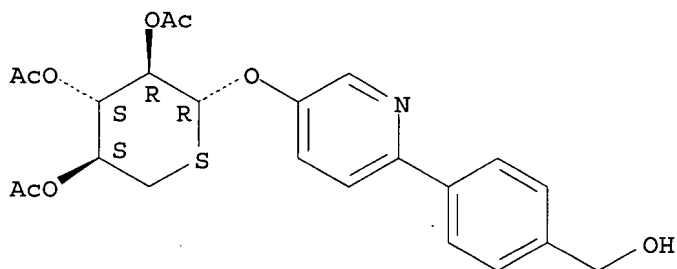
Absolute stereochemistry. Rotation (+).



RN 910648-62-3 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 6-[4-(hydroxymethyl)phenyl]-3-pyridinyl 5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

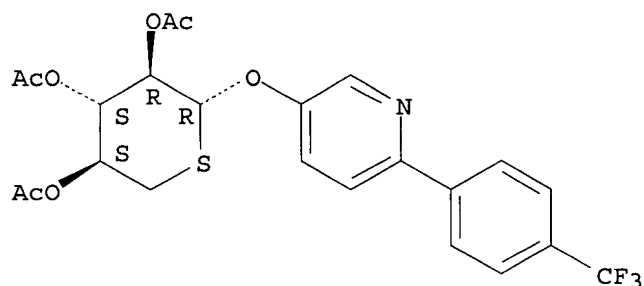
Absolute stereochemistry. Rotation (+).



RN 910648-64-5 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 6-[4-(trifluoromethyl)phenyl]-3-pyridinyl 5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

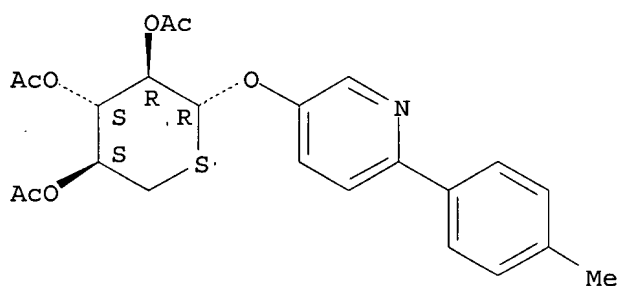
Absolute stereochemistry. Rotation (+).



RN 910648-66-7 CAPLUS

CN β-D-Xylopyranoside, 6-(4-methylphenyl)-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

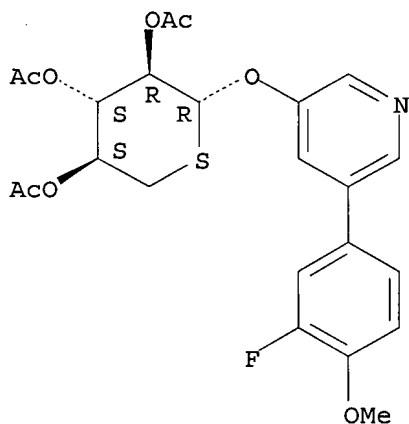
Absolute stereochemistry. Rotation (+).



RN 910648-68-9 CAPLUS

CN β-D-Xylopyranoside, 5-(3-fluoro-4-methoxyphenyl)-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

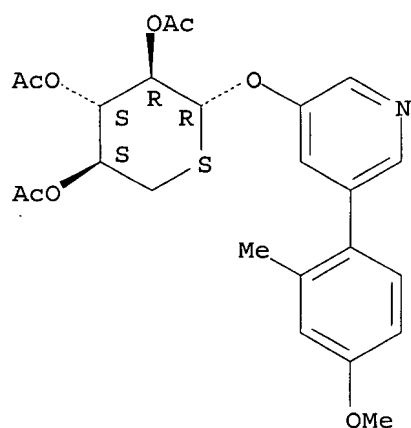
Absolute stereochemistry. Rotation (+).



RN 910648-70-3 CAPLUS

CN β-D-Xylopyranoside, 5-(4-methoxy-2-methylphenyl)-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

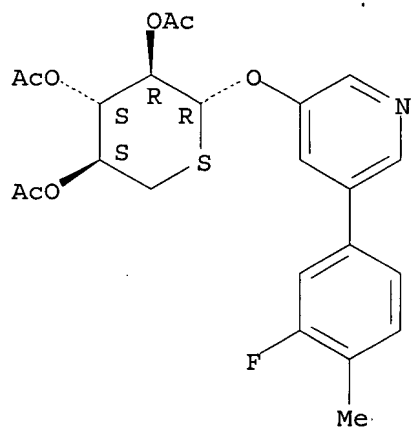
Absolute stereochemistry. Rotation (-).



RN 910648-72-5 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(3-fluoro-4-methylphenyl)-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

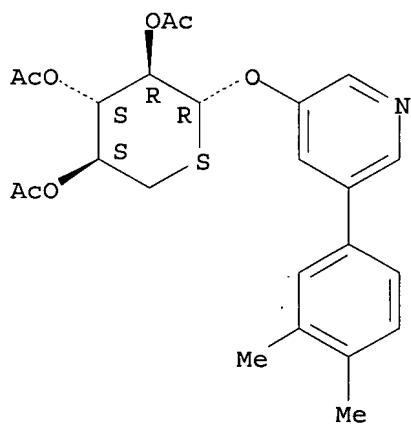
Absolute stereochemistry. Rotation (-).



RN 910648-74-7 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(3,4-dimethylphenyl)-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

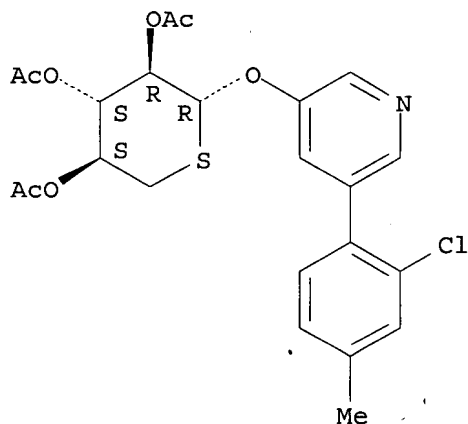


RN 910648-76-9 CAPLUS



CN  $\beta$ -D-Xylopyranoside, 5-(2-chloro-4-methylphenyl)-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

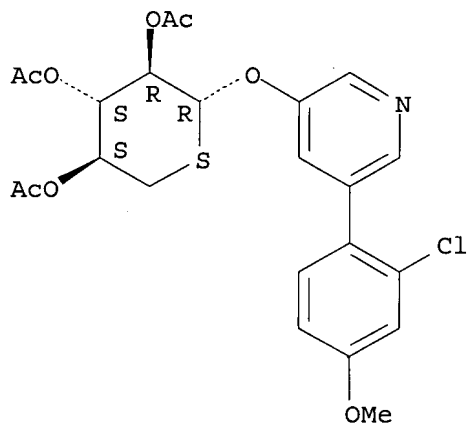
Absolute stereochemistry. Rotation (-).



RN 910648-78-1 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(2-chloro-4-methoxyphenyl)-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

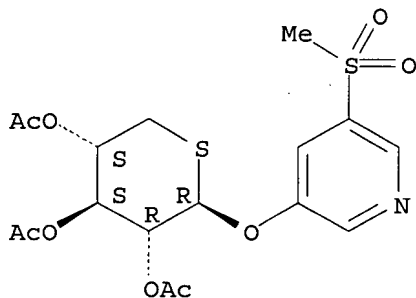
Absolute stereochemistry. Rotation (-).



RN 910648-80-5 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(methylsulfonyl)-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

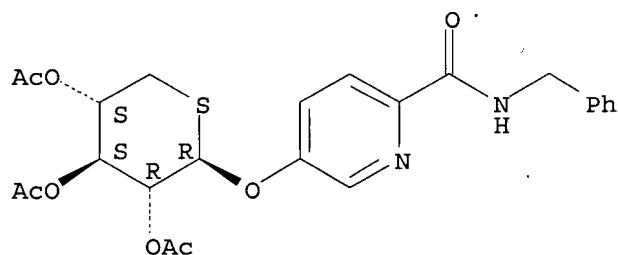
Absolute stereochemistry. Rotation (+).



RN 910648-82-7 CAPLUS

CN 2-Pyridinecarboxamide, N-(phenylmethyl)-5-[(2,3,4-tri-O-acetyl-5-thio- $\beta$ -D-xylopyranosyl)oxy] - (9CI) (CA INDEX NAME)

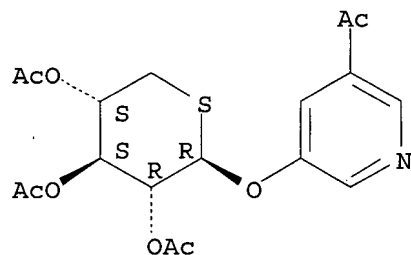
Absolute stereochemistry. Rotation (-).



RN 910648-84-9 CAPLUS

CN Ethanone, 1-[5-[(2,3,4-tri-O-acetyl-5-thio- $\beta$ -D-xylopyranosyl)oxy]-3-pyridinyl] - (9CI) (CA INDEX NAME)

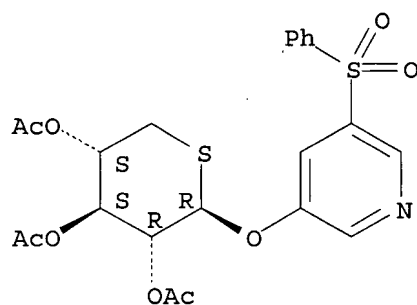
Absolute stereochemistry. Rotation (-).



RN 910649-04-6 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-(phenylsulfonyl)-3-pyridinyl 5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

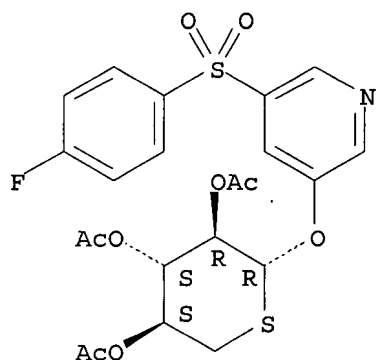
Absolute stereochemistry. Rotation (-).



RN 910649-05-7 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-[(4-fluorophenyl)sulfonyl]-3-pyridinyl 5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

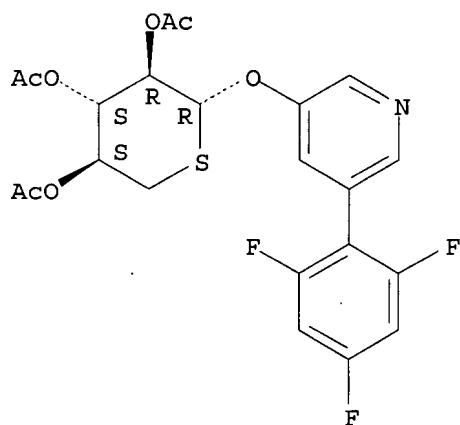
Absolute stereochemistry. Rotation (-).



RN 910649-07-9 CAPLUS

CN β-D-Xylopyranoside, 5-(2,4,6-trifluorophenyl)-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

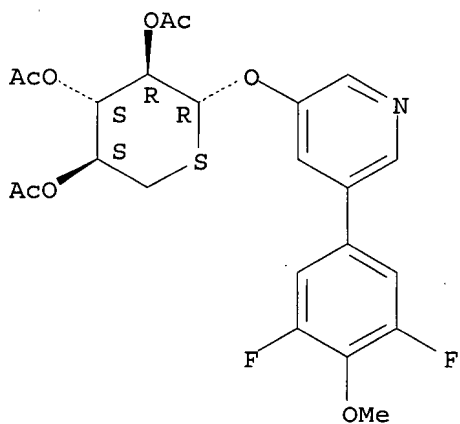
Absolute stereochemistry. Rotation (-).



RN 910649-09-1 CAPLUS

CN β-D-Xylopyranoside, 5-(3,5-difluoro-4-methoxyphenyl)-3-pyridinyl  
5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

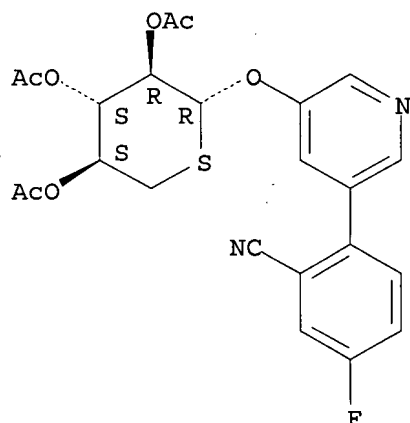
Absolute stereochemistry. Rotation (-).



RN 910649-11-5 CAPLUS

CN Benzonitrile, 5-fluoro-2-[5-[(2,3,4-tri-O-acetyl-5-thio-β-D-xylopyranosyl)oxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

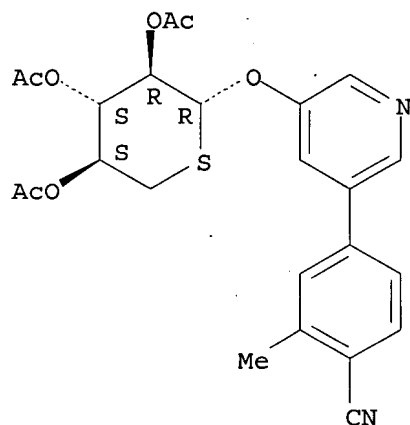
Absolute stereochemistry. Rotation (-).



RN 910649-13-7 CAPLUS

CN Benzonitrile, 2-methyl-4-[5-[(2,3,4-tri-O-acetyl-5-thio-β-D-xylopyranosyl)oxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

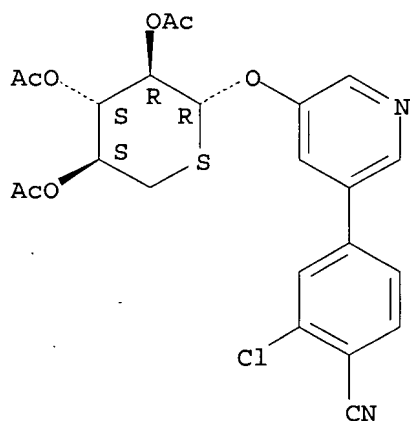
Absolute stereochemistry. Rotation (-).



RN 910649-15-9 CAPLUS

CN Benzonitrile, 2-chloro-4-[5-[(2,3,4-tri-O-acetyl-5-thio-β-D-xylopyranosyl)oxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

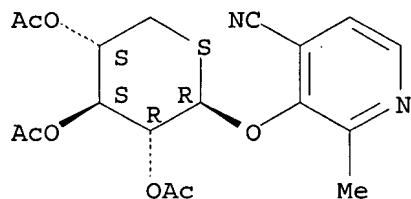
Absolute stereochemistry. Rotation (-).



RN 910649-17-1 CAPLUS

CN 4-Pyridinecarbonitrile, 2-methyl-3-[(2,3,4-tri-O-acetyl-5-thio- $\beta$ -D-xylopyranosyl)oxy] - (9CI) (CA INDEX NAME)

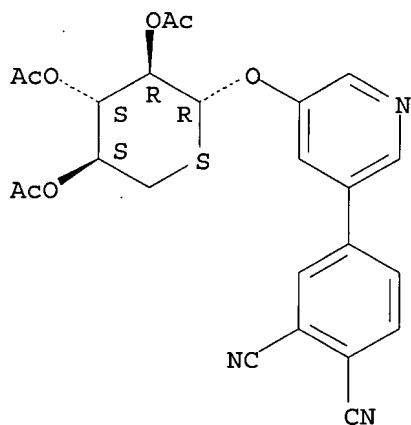
Absolute stereochemistry. Rotation (-).



RN 910649-19-3 CAPLUS

CN 1,2-Benzenedicarbonitrile, 4-[5-[(2,3,4-tri-O-acetyl-5-thio- $\beta$ -D-xylopyranosyl)oxy]-3-pyridinyl] - (9CI) (CA INDEX NAME)

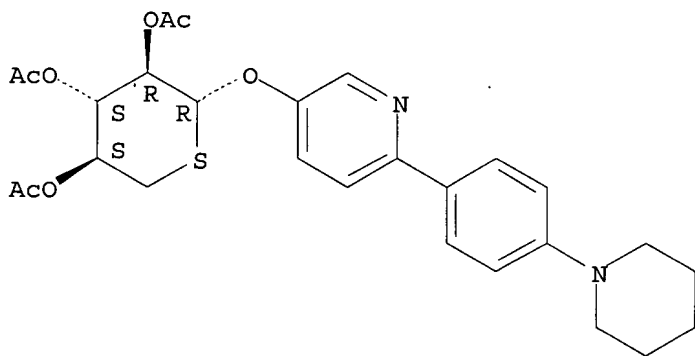
Absolute stereochemistry. Rotation (-).



RN 910649-21-7 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 6-[4-(1-piperidinyl)phenyl]-3-pyridinyl 5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

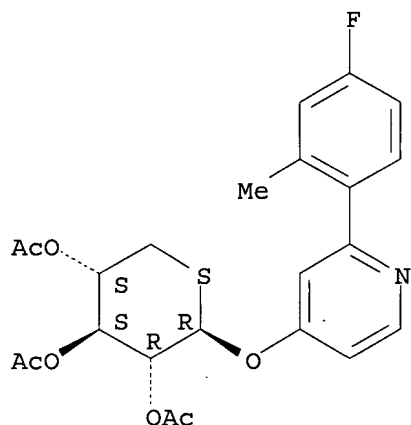
Absolute stereochemistry. Rotation (+).



RN 910649-24-0 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 2-(4-fluoro-2-methylphenyl)-4-pyridinyl 5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

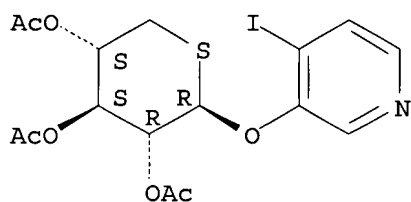
Absolute stereochemistry. Rotation (-).



RN 910649-44-4 CAPLUS

CN β-D-Xylopyranoside, 4-iodo-3-pyridinyl 5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

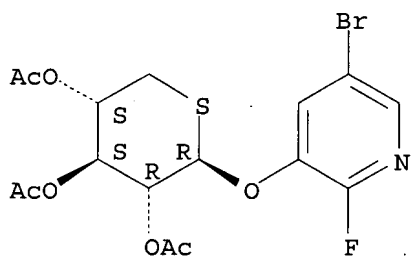
Absolute stereochemistry. Rotation (-).



RN 910649-45-5 CAPLUS

CN β-D-Xylopyranoside, 5-bromo-2-fluoro-3-pyridinyl 5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

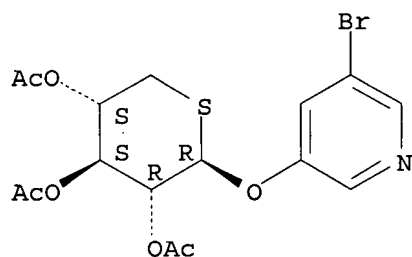
Absolute stereochemistry.



RN 910649-46-6 CAPLUS

CN β-D-Xylopyranoside, 5-bromo-3-pyridinyl 5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

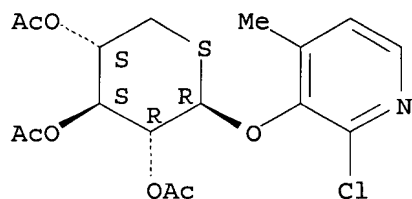
Absolute stereochemistry. Rotation (-).



RN 910649-47-7 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 2-chloro-4-methyl-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

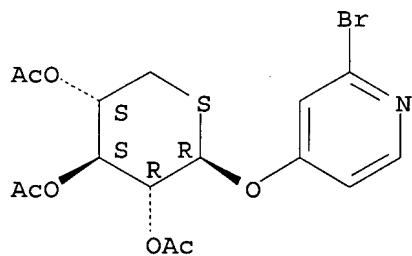
Absolute stereochemistry. Rotation (+).



RN 910649-48-8 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 2-bromo-4-pyridinyl 5-thio-, 2,3,4-triacetate  
(9CI) (CA INDEX NAME)

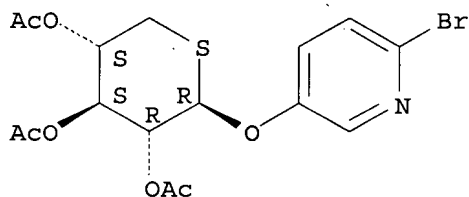
Absolute stereochemistry. Rotation (-).



RN 910649-49-9 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 6-bromo-3-pyridinyl 5-thio-, 2,3,4-triacetate  
(9CI) (CA INDEX NAME)

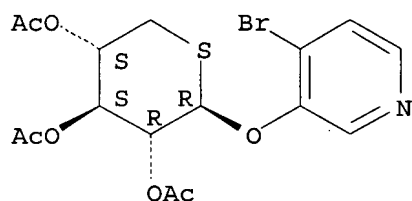
Absolute stereochemistry. Rotation (-).



RN 910649-50-2 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 4-bromo-3-pyridinyl 5-thio-, 2,3,4-triacetate  
(9CI) (CA INDEX NAME)

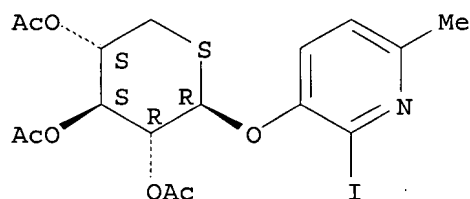
Absolute stereochemistry. Rotation (-).



RN 910649-51-3 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 2-iodo-6-methyl-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

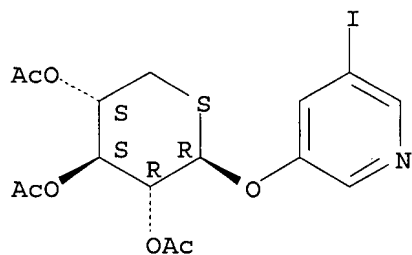
Absolute stereochemistry.



RN 910649-54-6 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-iodo-3-pyridinyl 5-thio-, 2,3,4-triacetate  
(9CI) (CA INDEX NAME)

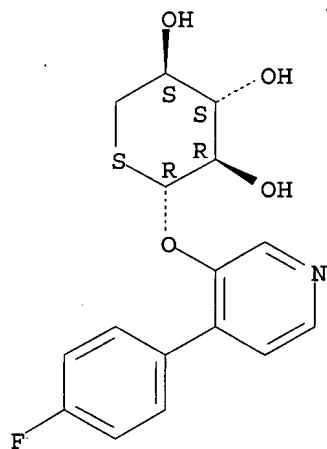
Absolute stereochemistry. Rotation (-).



RN 910655-10-6 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 4-(4-fluorophenyl)-3-pyridinyl 5-thio- (9CI) (CA  
INDEX NAME)

Absolute stereochemistry. Rotation (-).

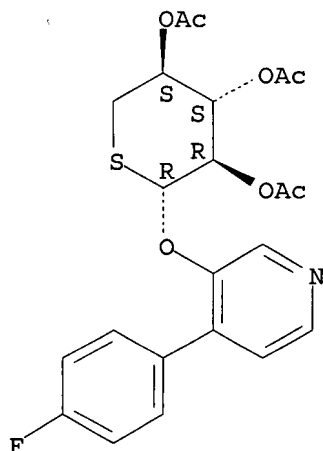




RN 910655-11-7 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 4-(4-fluorophenyl)-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

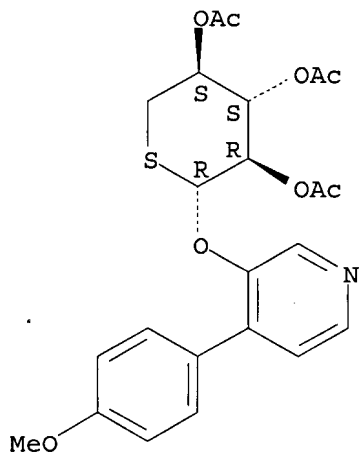
Absolute stereochemistry. Rotation (-).



RN 910793-43-0 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 4-(4-methoxyphenyl)-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



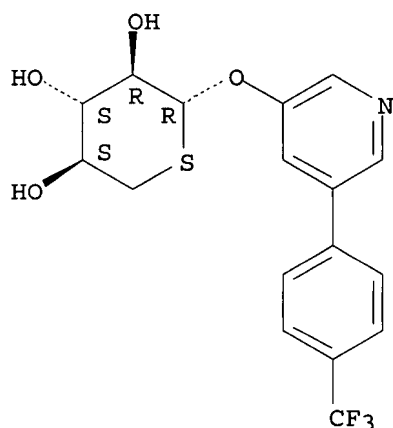
IT 910649-62-6P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of compds. derived from thioxyllose and therapeutic use thereof  
as antithrombotic agents)

RN 910649-62-6 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-[4-(trifluoromethyl)phenyl]-3-pyridinyl 5-thio-  
(9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:280722 CAPLUS

DOCUMENT NUMBER: 142:336586

TITLE: Preparation of thio-xylose glycosides as antithrombotic agents

INVENTOR(S): Barberousse, Veronique; Samreth, Soth; Boubia, Benaissa; Bellamy, Francois; Peyrou, Vincent

PATENT ASSIGNEE(S): Laboratoires Fournier S.A., Fr.

SOURCE: Fr. Demande, 35 pp.

CODEN: FRXXBL

DOCUMENT TYPE: Patent

LANGUAGE: French

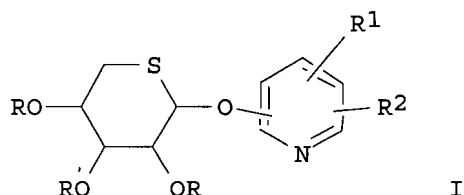
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2860234	A1	20050401	FR 2003-11264	20030925
FR 2860234	B1	20051223		
CA 2540370	A1	20050407	CA 2004-2540370	20040924
WO 2005030785	A2	20050407	WO 2004-FR2409	20040924
WO 2005030785	A3	20050526		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1668021	A2	20060614	EP 2004-787435	20040924
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
JP 2007506712	T	20070322	JP 2006-527445	20040924
US 2007054955	A1	20070308	US 2006-572999	20060323
PRIORITY APPLN. INFO.:			FR 2003-11264	A 20030925
			WO 2004-FR2409	W 20040924

OTHER SOURCE(S): CASREACT 142:336586; MARPAT 142:336586

GI



AB The invention relates to the preparation of 5-thio-xylose derivs. I, wherein the sugar ring represents 5-thio- $\beta$ -D- or L-xylopyranosyl; R is H, acyl, carboxylate; R1 and R2 are independently H, halogen, CN, NO<sub>2</sub>, CF<sub>3</sub>, alkyl, aryl, and their use as an active ingredient of drugs, in particular intended for the treatment or the prevention of thromboses or the cardiac insufficiency. Thus, 3-pyridinyl-5-thio- $\beta$ -D-xylopyranoside was prepared and tested in rat as antithrombotic agent (dose 1-8 mg/kg). Antithrombotic activity (range of 51-96) was expressed by the percent inhibition of thromboses formation observed in presence of title compds. related to the mass of thromboses formed in absence of title compds.

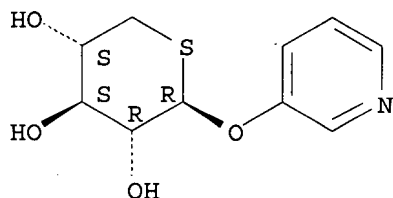
IT 848694-83-7P 848694-85-9P 848694-89-3P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of thio-xylose glycosides as antithrombotic agents)

RN 848694-83-7 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 3-pyridinyl 5-thio- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RN 848694-85-9 CAPLUS

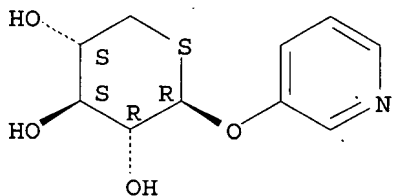
CN  $\beta$ -D-Xylopyranoside, 3-pyridinyl 5-thio-, methanesulfonate (salt)  
(9CI) (CA INDEX NAME)

CM 1.

CRN 848694-83-7

CMF C10 H13 N O4 S

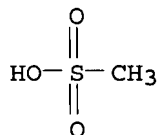
Absolute stereochemistry. Rotation (-).



CM 2

CRN 75-75-2

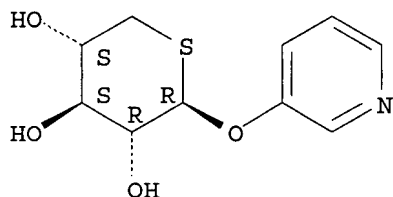
CMF C H4 O3 S



RN 848694-89-3 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 3-pyridinyl 5-thio-, hydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



● HCl

IT 848694-81-5P 848694-91-7P 848694-94-0P

848694-96-2P 848695-01-2P 848695-06-7P

848695-11-4P 848695-15-8P 848695-20-5P

848695-24-9P 848695-29-4P 848695-34-1P

848695-39-6P 848695-44-3P 848695-49-8P

848695-66-9P 848695-68-1P 848695-70-5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of thio-xylose glycosides as antithrombotic agents)

RN 848694-81-5 CAPLUS

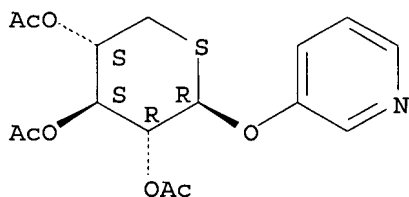
CN  $\beta$ -D-Xylopyranoside, 3-pyridinyl 5-thio-, 2,3,4-triacetate, methanesulfonate (9CI) (CA INDEX NAME)

CM 1

CRN 848694-79-1

CMF C16 H19 N O7 S

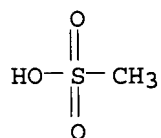
Absolute stereochemistry. Rotation (-).



CM 2

CRN 75-75-2

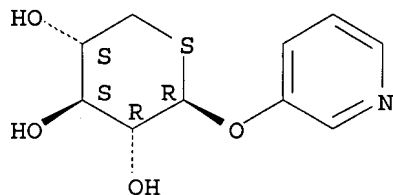
CMF C H4 O3 S



RN 848694-91-7 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 3-pyridinyl 5-thio-, hydrobromide (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

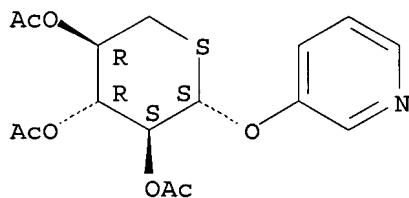


● HBr

RN 848694-94-0 CAPLUS

CN  $\beta$ -L-Xylopyranoside, 3-pyridinyl 5-thio-, 2,3,4-triacetate (CA INDEX NAME)

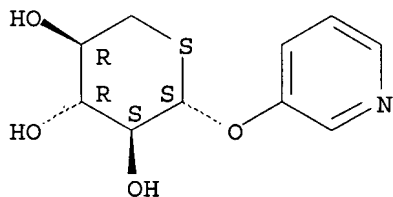
Absolute stereochemistry.



RN 848694-96-2 CAPLUS

CN  $\beta$ -L-Xylopyranoside, 3-pyridinyl 5-thio- (CA INDEX NAME)

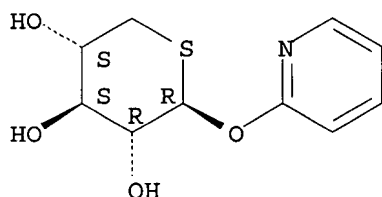
Absolute stereochemistry. Rotation (+).



RN 848695-01-2 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 2-pyridinyl 5-thio- (CA INDEX NAME)

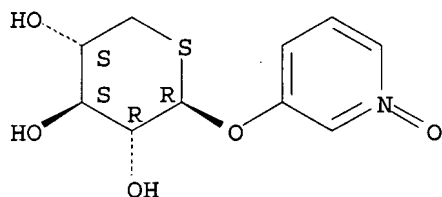
Absolute stereochemistry. Rotation (-).



RN 848695-06-7 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 1-oxido-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

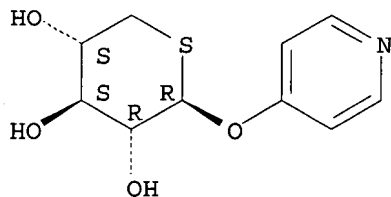
Absolute stereochemistry. Rotation (-).



RN 848695-11-4 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 4-pyridinyl 5-thio- (CA INDEX NAME)

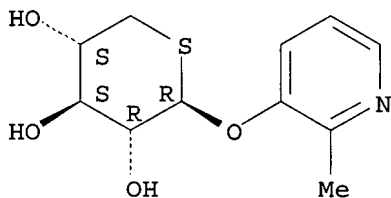
Absolute stereochemistry. Rotation (-).



RN 848695-15-8 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 2-methyl-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

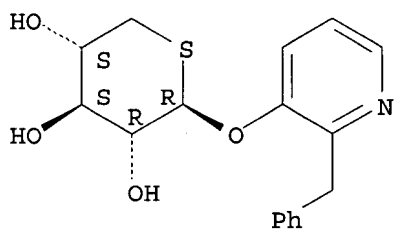
Absolute stereochemistry. Rotation (-).



RN 848695-20-5 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 2-(phenylmethyl)-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

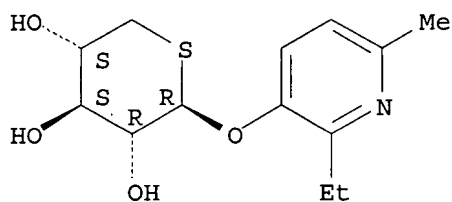
Absolute stereochemistry. Rotation (-).



RN 848695-24-9 CAPLUS

CN β-D-Xylopyranoside, 2-ethyl-6-methyl-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

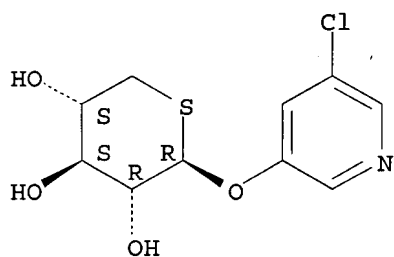
Absolute stereochemistry. Rotation (-).



RN 848695-29-4 CAPLUS

CN β-D-Xylopyranoside, 5-chloro-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

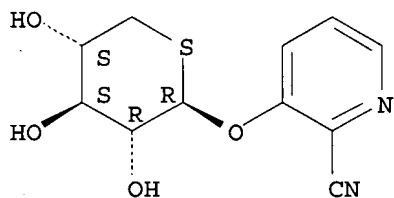
Absolute stereochemistry. Rotation (-).



RN 848695-34-1 CAPLUS

CN 2-Pyridinecarbonitrile, 3-[(5-thio-β-D-xylopyranosyl)oxy]- (CA INDEX NAME)

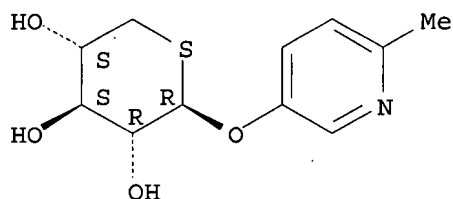
Absolute stereochemistry. Rotation (-).



RN 848695-39-6 CAPLUS

CN β-D-Xylopyranoside, 6-methyl-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

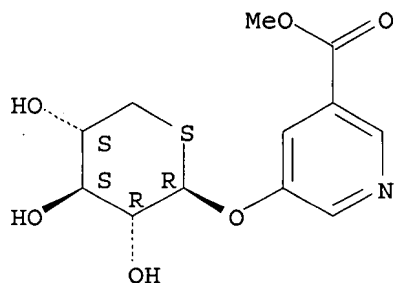
Absolute stereochemistry. Rotation (-).



RN 848695-44-3 CAPLUS

CN 3-Pyridinecarboxylic acid, 5-[(5-thio-β-D-xylopyranosyl)oxy]-, methyl ester (CA INDEX NAME)

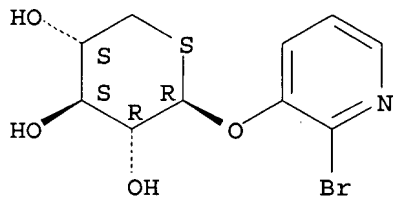
Absolute stereochemistry. Rotation (-).



RN 848695-49-8 CAPLUS

CN β-D-Xylopyranoside, 2-bromo-3-pyridinyl 5-thio- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

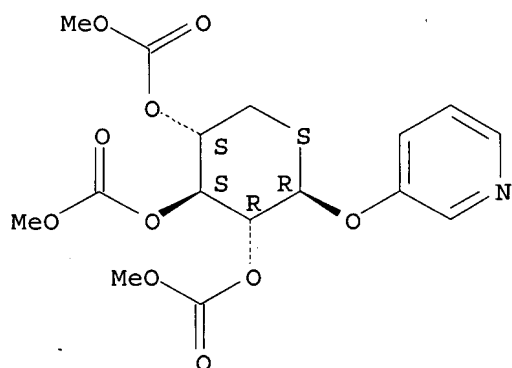


RN 848695-66-9 CAPLUS

CN β-D-Xylopyranoside, 3-pyridinyl 5-thio-, 2,3,4-tris(methyl carbonate), hydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).





● HCl

RN 848695-68-1 CAPLUS

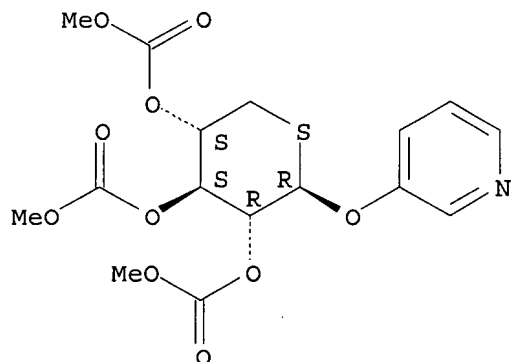
CN β-D-Xylopyranoside, 3-pyridinyl 5-thio-, 2,3,4-tris(methyl carbonate), methanesulfonate (9CI) (CA INDEX NAME)

CM 1

CRN 848695-64-7

CMF C16 H19 N O10 S

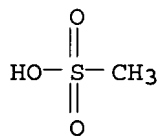
Absolute stereochemistry. Rotation (-).



CM 2

CRN 75-75-2

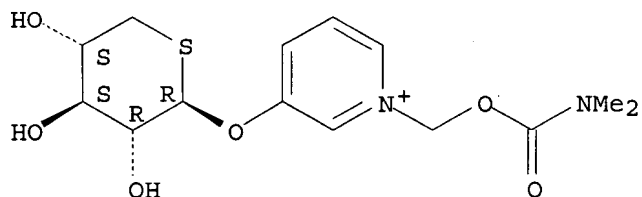
CMF C H4 O3 S



RN 848695-70-5 CAPLUS

CN Pyridinium, 1-[[[(dimethylamino)carbonyl]oxy]methyl]-3-[(5-thio-β-D-xylopyranosyl)oxy]-, chloride (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



● Cl<sup>-</sup>

IT 848694-79-1P 848694-87-1P 848694-99-5P  
 848695-04-5P 848695-09-0P 848695-14-7P  
 848695-18-1P 848695-22-7P 848695-27-2P  
 848695-32-9P 848695-37-4P 848695-42-1P  
 848695-47-6P 848695-52-3P 848695-55-6P  
 848695-57-8P 848695-59-0P 848695-61-4P  
 848695-62-5P 848695-64-7P

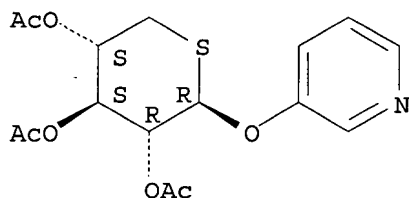
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of thio-xylose glycosides as antithrombotic agents)

RN 848694-79-1 CAPLUS

CN β-D-Xylopyranoside, 3-pyridinyl 5-thio-, 2,3,4-triacetate (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RN 848694-87-1 CAPLUS

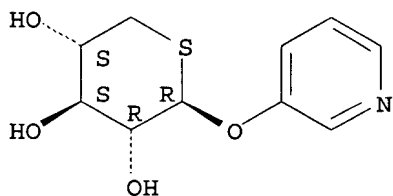
CN β-D-Xylopyranoside, 3-pyridinyl 5-thio-, sulfate (2:1) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 848694-83-7

CMF C10 H13 N O4 S

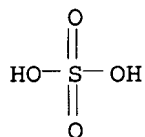
Absolute stereochemistry. Rotation (-).



CM 2

CRN 7664-93-9

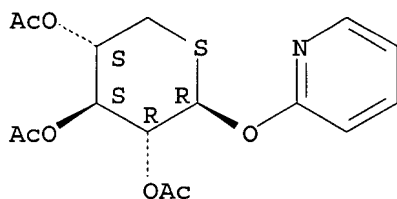
CMF H2 O4 S



RN 848694-99-5 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 2-pyridinyl 5-thio-, 2,3,4-triacetate (CA INDEX NAME)

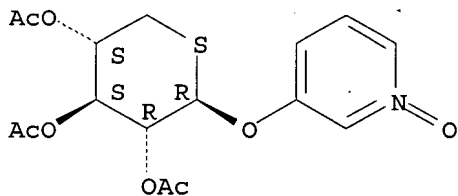
Absolute stereochemistry. Rotation (-).



RN 848695-04-5 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 1-oxido-3-pyridinyl 5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

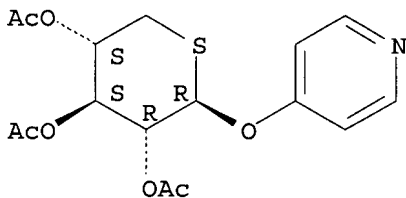
Absolute stereochemistry. Rotation (-).



RN 848695-09-0 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 4-pyridinyl 5-thio-, 2,3,4-triacetate (CA INDEX NAME)

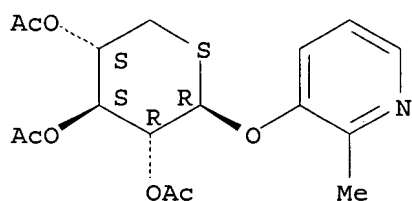
Absolute stereochemistry. Rotation (-).



RN 848695-14-7 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 2-methyl-3-pyridinyl 5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

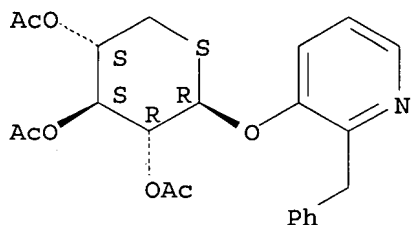
Absolute stereochemistry.



RN 848695-18-1 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 2-(phenylmethyl)-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

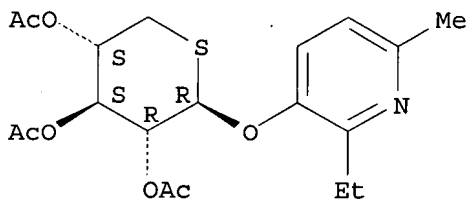
Absolute stereochemistry. Rotation (-).



RN 848695-22-7 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 2-ethyl-6-methyl-3-pyridinyl 5-thio-,  
2,3,4-triacetate (9CI) (CA INDEX NAME)

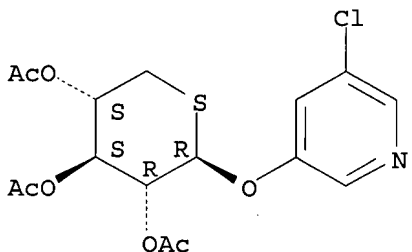
Absolute stereochemistry. Rotation (-).



RN 848695-27-2 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 5-chloro-3-pyridinyl 5-thio-, 2,3,4-triacetate  
(9CI) (CA INDEX NAME)

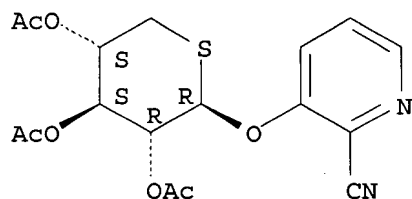
Absolute stereochemistry. Rotation (-).



RN 848695-32-9 CAPLUS

CN 2-Pyridinecarbonitrile, 3-[(2,3,4-tri-O-acetyl-5-thio-beta-D-xylopyranosyl)oxy]- (CA INDEX NAME)

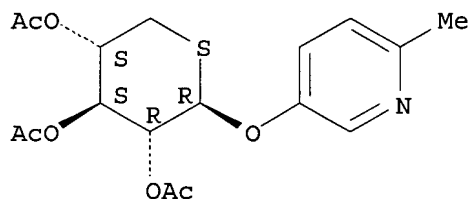
Absolute stereochemistry.



RN 848695-37-4 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 6-methyl-3-pyridinyl 5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

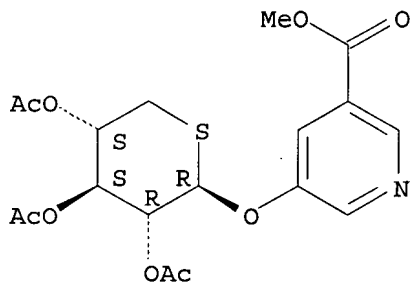
Absolute stereochemistry. Rotation (-).



RN 848695-42-1 CAPLUS

CN 3-Pyridinecarboxylic acid, 5-[(2,3,4-tri-O-acetyl-5-thio- $\beta$ -D-xylopyranosyl)oxy]-, methyl ester (CA INDEX NAME)

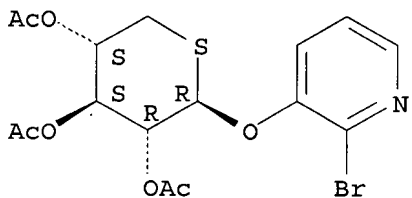
Absolute stereochemistry. Rotation (-).



RN 848695-47-6 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 2-bromo-3-pyridinyl 5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

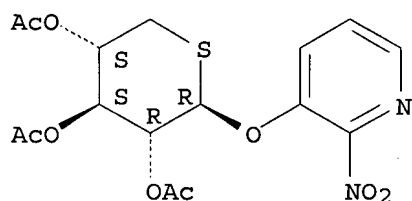
Absolute stereochemistry. Rotation (-).



RN 848695-52-3 CAPLUS

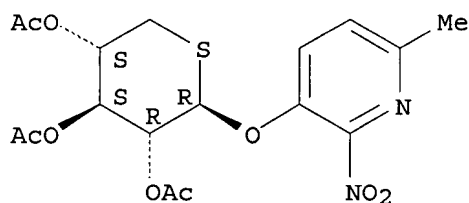
CN  $\beta$ -D-Xylopyranoside, 2-nitro-3-pyridinyl 5-thio-, 2,3,4-triacetate (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



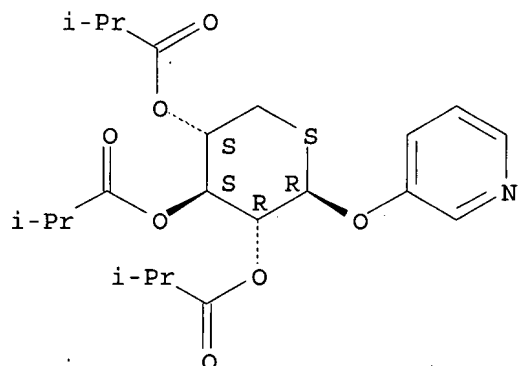
RN 848695-55-6 CAPLUS  
 CN β-D-Xylopyranoside, 6-methyl-2-nitro-3-pyridinyl 5-thio-,  
 2,3,4-triacetate (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RN 848695-57-8 CAPLUS  
 CN β-D-Xylopyranoside, 3-pyridinyl 5-thio-, 2,3,4-tris(2-  
 methylpropanoate) (CA INDEX NAME)

Absolute stereochemistry.

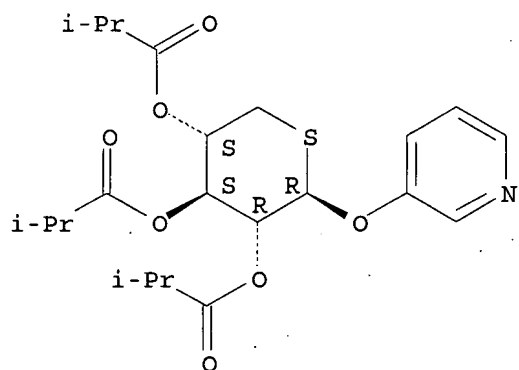


RN 848695-59-0 CAPLUS  
 CN β-D-Xylopyranoside, 3-pyridinyl 5-thio-, 2,3,4-tris(2-  
 methylpropanoate), methanesulfonate (9CI) (CA INDEX NAME)

CM 1

CRN 848695-57-8  
 CMF C22 H31 N O7 S

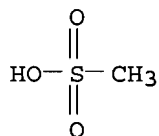
Absolute stereochemistry.



CM 2

CRN 75-75-2

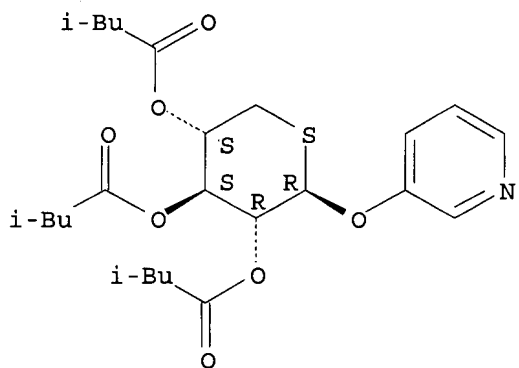
CMF C H4 O3 S



RN 848695-61-4 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 3-pyridinyl 5-thio-, 2,3,4-tris(3-methylbutanoate) (CA INDEX NAME)

Absolute stereochemistry.



RN 848695-62-5 CAPLUS

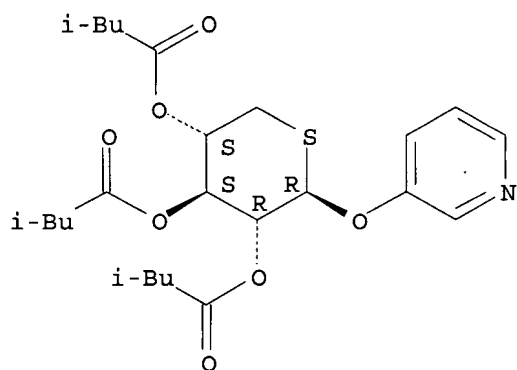
CN  $\beta$ -D-Xylopyranoside, 3-pyridinyl 5-thio-, 2,3,4-tris(3-methylbutanoate), methanesulfonate (9CI) (CA INDEX NAME)

CM 1

CRN 848695-61-4

CMF C25 H37 N O7 S

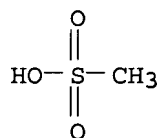
Absolute stereochemistry.



CM 2

CRN 75-75-2

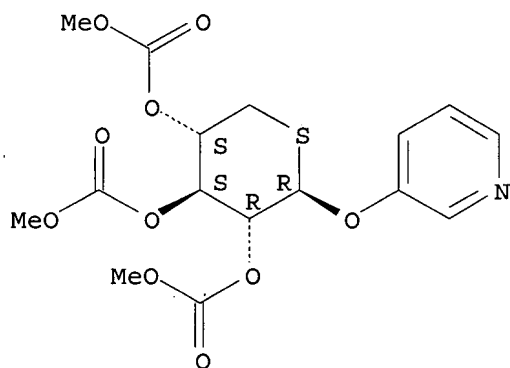
CMF C H4 O3 S



RN 848695-64-7 CAPLUS

CN  $\beta$ -D-Xylopyranoside, 3-pyridinyl 5-thio-, 2,3,4-tris(methyl carbonate)  
(9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



REFERENCE COUNT:

2

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT



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(FILE 'HOME' ENTERED AT 10:44:12 ON 14 NOV 2007)

FILE 'REGISTRY' ENTERED AT 10:44:23 ON 14 NOV 2007

L1           STRUCTURE UPLOADED

L2           13 S L1 SSS SAM

L3           214 S L1 SSS FULL

FILE 'CAPLUS, MEDLINE' ENTERED AT 10:46:14 ON 14 NOV 2007

L4           2 S L3